





STORAGE



DEPARTMENT OF MARINE AND FISHERIES, CANADA.  
METEOROLOGICAL SERVICE.

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# Monthly Weather Review

VOL. XXXVIII.

APRIL, 1914

No. 4

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## INTRODUCTION.

In compiling the present Review, the principal data made use of are the telegraphic reports of observations received at this office for the purpose of weather forecasting, and reports by mail from voluntary observers and storm-signal agents. For the data used in tracing the paths of areas of high and low pressure in the United States, we are indebted to the Chief of the Weather Bureau, Washington, D.C.

## HIGH AREAS.

Ten areas of high pressure were charted, all but one first appearing either over the far northern or the far northwestern portions of the continent. The remaining area was first indicated on the coast line of the North Pacific States. Four of the areas passed to the northward of, two over and the remainder to the southward of the Great Lakes, and thence to the Atlantic. The systems in many cases were of unusual intensity for this season of the year, and were attended by much cool, dry weather.

## LOW AREAS.

Fourteen areas of low pressure were charted. Three first appeared on or in close proximity to the Alaskan Coast, two to the northward of Manitoba, one in the West Pacific States, four in the South Pacific States, one in New Mexico, one in the Gulf of Mexico, one near Cuba, and one to the northward of the Straits of Belle Isle. Four of the areas passed to the northward of, and the remainder either over or to the southward of the Great Lakes, thence in the majority of instances across the Maritime Provinces and Newfoundland.

A number of the systems developed great energy as they traversed the latter country, causing a continuance of the stormy conditions so characteristic of Newfoundland the last few months.

## ATMOSPHERIC PRESSURE.

The results obtained at the Telegraph Reporting Stations during April, indicate that the mean atmospheric pressure was slightly in excess of the average except in the Gulf of St. Lawrence, where the normal was just reached. In Manitoba, locally in Eastern Ontario, and in most parts of the Western Districts of the Maritime Provinces the positive differences were about 0.05 of an inch, elsewhere in Canada the divergence being less than this.

## GENERAL SYNOPSIS OF TEMPERATURE AND PRECIPITATION.

The following table is intended to show the average values of temperature and precipitation for each province for the month under review. District and Provincial means would, under ideal conditions, be derived from stations situated in equi-areal squares. But since in reality they are so situated as to appear, rather, constellation-wise upon the map, anomalous values arising from local topographical peculiarities may have received more than their just weight in the computation of the following averages.

Where no difference from normal is assigned, observations over a period long enough for reference are not available.

PROVINCE AND DISTRICT.	TEMPERATURE (FAHR.).						PRECIPITATION.				STATION DIFFERENCES FROM NORMAL TEMPERATURE
	Mean Daily.	Mean Daily Maximum.	Mean Daily Minimum.	Mean Daily Range.	Extreme Highest.	Extreme Lowest.	Total in Inches.	Difference from Normal.	Number of Days.	Greatest Fall.	
BRITISH COLUMBIA—											
South Vancouver Island....	48.0	56.0	39.0	17.0	78	26	3.40	+45	14	2.15	+2° to +3°
North Vancouver Island....	48.0	54.0	42.0	12.0	70	31	6.40	....	17	2.18	....
Lower Fraser River.....	50.0	60.0	40.0	20.0	77	25	3.60	+12	15	1.37	+1° to +5°
Upper Fraser River.....	42.0	54.0	36.0	24.0	75	-2	1.85	+5	6	2.15	+2°
Okanagan and Similkameen Valleys.....	47.0	59.0	36.0	23.0	78	16	0.90	-40	6	0.60	+2°
West Kootenay.....	46.0	58.0	35.0	23.0	77	24	2.40	....	10	1.13	+1.5° at Nelson
East Kootenay.....	44.0	55.0	34.0	21.0	75	21	1.50	....	10	0.61	+5° at Elko
Thompson River.....	49.0	62.0	36.0	26.0	80	21	0.65	+10	7	0.48	+2° to +3°
North Columbia River.....	42.0	52.0	32.0	20.0	70	16	2.50	+35	8	0.62	+1° to +3°
North Coast.....	46.0	53.0	37.0	16.0	71	24	4.10	....	14	1.72	+3° at Bella Coola
Queen Charlotte Islands....	47.0	52.0	42.0	10.0	80	33	11.30	....	18	3.25	+1° 5 at Massett
ALBERTA—											
North Saskatchewan River.	39.0	52.0	26.0	36.0	73	-3	0.95	....	3	1.42	0° to +1°
The Red Deer River.....	40.0	53.0	27.0	26.0	76	2	0.50	-50	4	0.72	0° to +1°
The Bow River.....	43.0	56.0	30.0	26.0	79	10	0.30	-50	3	0.58	0° to +3°
Athabasca River.....	....	....	....	....	....	....	....	....	....	....	....
Pence River.....	....	....	....	....	....	....	....	....	....	....	....
SASKATCHEWAN—											
Qu'Appelle River.....	37.0	51.0	24.0	27.0	79	0	0.80	+15	4	1.27	-2° to +3°
S. Saskatchewan River.....	40.0	53.0	27.0	26.0	76	6	0.40	-50	4	1.03	0° to +0.5°
N. Saskatchewan River.....	39.0	52.0	26.0	26.0	76	0	0.75	....	4	0.80	+4° at Battleford
Saskatchewan Forks.....	37.0	49.0	25.0	24.0	72	2	0.70	+45	7	0.40	+1.5°
Lower Saskatchewan River	32.0	44.0	20.0	24.0	67	-2	0.93	....	3	0.69	....
MANITOBA—											
Qu'Appelle and Assiniboine Rivers.....	35.0	47.0	25.0	22.0	74	2	1.75	+70	5	1.67	-2°
The Red River.....	35.0	45.0	25.0	20.0	69	2	1.05	-20	6	0.78	-3° to +3°
Dauphin Lake and River....	31.0	42.0	21.0	21.0	68	-1	0.65	....	5	0.40	....
ONTARIO—											
Lake Superior Districts—											
Rainy River.....	33.6	44.0	22.0	22.0	70	-10	1.30	-	7	0.56	....
Thunder Bay.....	29.0	41.0	18.0	23.0	66	-13	1.20	-25	8	0.60	-5°
Algoma.....	29.0	41.0	17.0	24.0	65	-16	1.70	....	9	0.86	-7° at White River
Nipissing.....	30.0	42.0	19.0	23.0	61	-11	1.60	....	8	0.60	-5° at Haileybury
Upper Ottawa River.....	36.0	45.0	24.0	21.0	69	6	2.60	+10	12	1.00	-4° to -6°
Upper St. Lawrence and Ottawa Rivers.....	39.0	47.0	32.0	15.0	74	12	2.50	+40	10	0.91	-3° to -6°
Georgian Bay Counties.....	37.0	46.0	29.0	17.0	80	1	1.70	-6	7	0.94	0° to -2°
Lake Huron Counties.....	40.0	48.0	31.0	17.0	80	12	2.10	-7	13	0.90	+1° to -4°
Lakes St. Clair & Erie, Niagara Peninsula.....	42.0	51.0	34.0	17.0	83	14	3.05	0	11	1.59	0° to -6°
West Central Counties.....	40.0	49.0	31.0	18.0	81	10	2.70	+18	10	1.95	-1° to -4°
Lake Ontario Counties.....	40.0	48.0	32.0	16.0	80	17	1.95	-20	10	0.85	-1° to -3°
East Central Counties.....	38.0	48.0	29.0	19.0	70	1	1.75	-5	8	0.75	-1° to -6°
QUEBEC—											
Middle St. Lawrence.....	31.0	43.0	25.0	18.0	76	-8	2.10	+5	9	1.89	-4° to -7°
Lower St. Lawrence & Gulf.	29.0	38.0	20.0	18.0	61	-7	1.40	-45	6	1.40	-5°
Lake St. John.....	28.0	38.0	18.0	20.0	68	-9	1.50	....	8	0.90	-6°
Northwestern Districts....	32.0	44.0	20.0	24.0	71	-15	1.80	....	7	1.17	-5° at Abitibi
NEW BRUNSWICK—											
All Stations.....	34.0	44.0	24.0	20.0	74	-5	3.80	+35	7	2.02	-2° to -6°
NOVA SCOTIA—											
All Stations.....	35.0	44.0	26.0	18.0	76	2	2.75	-30	9	1.90	-1° to -5°
PRINCE EDWARD ISLAND—											
All Stations.....	32.0	40.0	25.0	15.0	57	8	3.40	+15	12	0.89	-5°

## WINDS, APRIL, 1914

PROVINCES AND STATIONS.	Total Mileage.	Greatest Mileage in 24 hours.	Greatest Mileage in 1 Hour			Number of Days of			GENERAL DIRECTION
			Miles	Direction	Date	Gales	Strong Winds	Fresh Winds	
BRITISH COLUMBIA.									
Atlin.....	5887	543							SW E & W
Prince Rupert.....									
Victoria.....	6916	615	45	SW	26	5	5	10	
Point Garry.....	5948	323	24	NW	19		10	13	
Vancouver.....									
Kamloops.....									
ALBERTA									
Edmonton.....	6412	334	27	NW	24		12	12	NW
Calgary.....	4207	378	25	NW	9, 19		2	16	NW
SASKATCHEWAN.									
Battleford.....									NW NW
Prince Albert.....									
Swift Current.....	9196	562							
Qu'Appelle.....	8637	485	30	NW	10	1	15	11	
MANITOBA.									
Le Pas.....	6645	358							SE NW
Winnipeg.....	8981	609	40	N, SE	18, 20	5	9	9	
ONTARIO.									
Port Arthur.....	7609	557	35	NW, NE	8, 18	4	8	12	N
White River.....	4988	365	22	SW	10		5	14	NE
Cochrane.....	7983	441	25	NW	22		9	10	N
Parry Sound.....	7160	555	29	SW, SE	11, 25		9	3	SW
Southampton.....	3915	390	23	NE	29		7	6	SE
Pellee Island.....									
Woodstock.....	7361	464	32	SW	19	1	12	14	NW
Guelph.....	7544	461							NW
Toronto.....	9714	530	37	W	12	3	14	12	E
Kingston.....	5764	384							NE
Stonecliffe.....	3806	283	21	W	12		2	7	
Ottawa.....									
QUEBEC.									
Montreal.....	11519	611							W
Sherbrooke.....									
Quebec.....	10904	941	46	NE	2-20	12	11	6	NE
Father Point.....	10643	815	44	SW, SE	10-13	13	12	5	W
Anticosti, SW.....	15694	942	49	NW	13	15	9	4	NW
Harrington.....									
NEW BRUNSWICK									
Pt. Escuminac.....	11293	752	49	NW	13	13	9	5	NW
Fredericton.....	7015	555	31	NW	13	1	8	13	NW
St. John.....	9434	757	44	NW	13	6	11	11	NW
Pt. Lepreaux.....	12405	788	49	NW	13	15	10	4	NW
NOVA SCOTIA									
Yarmouth.....	10608	648	43	NW	12	8	15	7	NW
Wolfville.....	8356	494	31	NW	23	2	15	7	W
Halifax.....	9603	617	38	SW	21	7	10	11	W
Sable Island.....									
Flat Point.....	10066	664	46	N	13	8	14	5	NE & W
PRINCE EDWARD ISLAND									
Charlottetown.....	6277	384	29	NE	2		9	9	NW

1 Record for 28 days    2 Record for 14 days    3 Record for 23 days    4 Record 29 days    5 Record for 25 days

## TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA. APRIL, 1911.

\*Stations not furnished with Registering Thermometers.

STATION.	TEMPERATURE.										PRECIPITATION.								
	Latitude N.	Longitude W.	Elevation above sea level, in feet.	Mean.	Difference from average.	Yr's Observations.	Highest.	Date.	Lowest.	Date.	Mean daily range.	Amount.	Difference from average.	Heaviest fall in month.	Days with .01 or more.	No. of fair days.	No. of aurora.	No. of thunderstorms.	No. of fogs.
BRITISH COLUMBIA--																			
S. Vancouver Island																			
Alberni (Beaver Creek).....	49 15	124 49	300	49.4	+2.2	19	78.0	30	29.0	21	22.1	7.07	+2.51	1.58	14	16			
Clayoquot.....	49 11	125 55	27	48.9	+1.3	15	64.0	9-30	31.0	29	14.9	14.08	+5.13	2.15	20	10			1
Clooose.....	49 40	124 50		47.2	—	2	57.0	15	35.0	27	10.9	1.58	—	0.16	18	12			
Cobble Hill.....			33	47.9	—	1	63.0	10	39.0	1	16.8	2.23	—	0.62	13	17			
Cowichan (Pouhalein).....	48 25	123 42	170	50.0	—	8	68.2	9	26.0	1	19.2	2.78	—	0.77	14	16			
Departure Bay.....	49 40	124 0		49.3	—	1	70.6	30	31.4	1	17.8	2.53	—	0.66	13	17			
Gilgis Bay.....	49 40	124 32		47.3	—	2	69.5	30	22.0	1	17.4	3.83	—	0.54	14	16			
James Island.....				49.5	—	1	65.0	9-30	32.3	1-10	14.7	1.35	—	0.38	9	21			
Ladysmith.....	48 57	123 39		49.6	—	1	65.0	30	31.0	1	18.9	3.85	—	0.90	12	18			
Lazo (Little River).....	49 44	124 54	12	47.7	—	1	62.8	30	35.0	1	15.0	2.66	+0.92	0.61	14	16			
Nanaimo.....	49 10	123 37	125	49.6	+1.1	14	70.5	30	32.0	1	15.0	3.26	—	0.97	10	20			
Nanaimo Bay.....	49 17	124 12	130	48.3	—	2	70.0	30	29.0	1	19.0	2.60	—	0.93	12	18			
Qualicum Beach.....				46.8	—	1	64.0	30	28.0	1	17.6	2.88	—	0.53	17	13			
Salt Spring Island.....	48 50	123 20		48.8	—	5	65.0	30	32.0	1	15.8	3.07	—	0.95	14	16			
Shawinigan Lake.....	48 37	123 41		48.7	—	1	70.0	30	28.0	1	19.5	2.31	—	0.44	13	17			
Sidney.....	48 27	123 27	200	49.7	—	1	68.0	30	34.0	1-16	16.4	1.63	—	0.61	10	20			
Sooke.....	48 41	123 41	25	48.6	—	1	71.0	30	31.0	1-21	18.5	2.65	—	0.53	12	18			
Victoria.....	48 24	123 19	85	50.5	+1.6	25	64.4	9	35.2	1	14.5	1.04	-0.76	0.34	12	18			
N. Vancouver Island																			
Alert Bay.....	50 33	127 0		50.4	—	1	65.0	9-11	41.0	1-25	7.9	3.60	—	1.25	18	12			
Holberg.....	50 39	128 18		47.7	—	5	69.5	10	33.5	1	13.5	11.80	—	2.18	26	10			
Mary Island.....				49.7	—	1	70.0	30	32.0	1	14.5	3.05	—	0.66	14	16			1
Quatsino.....	50 32	127 40		47.6	—	7	65.0	10	31.0	1	13.9	9.36	—	1.16	18	12			
Triangle Island.....	50 62	129 5	680	43.8	—	4	57.0	9	32.0	2	9.8	4.44	—	1.31	17	13			14
Lower Fraser River																			
Agassiz.....	49 14	121 31	52	51.6	+5.1	22	72.0	21	31.0	1	27.3	2.94	-1.23	0.64	17	13			
Britannia Beach.....	49 39	123 5	165	49.2	—	1	71.0	9	35.5	1	14.7	5.32	—	0.92	18	12			
Chilliwack.....	49 10	121 57	21	51.2	+1.4	13	74.0	9	32.0	1-21	19.4	3.84	+0.23	1.17	18	12			1
Hope.....	49 25	121 25	500	51.2	—	5	76.5	9-10	29.5	1	22.6	3.66	—	1.37	11	19			
Ladner.....	49 05	123 4		50.4	+3.5	14	65.0	30	31.0	20	17.4	1.65	-0.16	0.55	5	25			
New Westminster.....	49 13	122 54	330	50.6	+3.5	26	67.9	9	30.0	1	17.9	3.95	+0.63	0.63	15	15			
North Nicomen.....	49 12	122 2	59	52.0	+3.5	23	76.0	9	30.0	1	19.8	3.00	+0.24	1.15	16	14			
Pemberton Hatchery.....	50 20	122 33		48.5	—	6	75.0	30	25.0	1	24.8	2.34	—	0.39	10	20			
Pemberton Meadows.....	50 29	122 40		47.6	—	2	72.0	30	26.0	1	21.9	2.46	—	0.43	16	14			
Ruskin (Stave Falls).....	49 16	122 23	125	49.7	—	5	71.0	10	29.0	1	18.8	7.49	—	1.06	19	11			
Steveston (Garry Point).....	49 21	123 17		47.8	+1.3	19	60.0	4-27	30.0	1	14.8	2.46	+0.58	0.80	13	17			
Vancouver.....	49 17	123 6	136	50.6	+1.6	14	65.0	30	31.1	1	14.9	3.28	+1.14	0.65	16	14			
Upper Fraser River																			
Babine Lake.....	55 38	126 26																	
Barkerville.....	53 02	121 35	4180	37.1	+1.7	27	50.0	29-30	16.0	21	17.8	2.28	+0.32	0.52	9	21			
Chilvestin (Big Creek).....	51 40	120 50	3100	40.5	+2.3	12	67.0	31	16.0	1	25.3	0.28	-0.45	0.12	4	26			
Cranberry Lake (South Fork).....	119 20	52 50	2460	41.5	—	1	64.8	28	16.6	21	26.6	7.80	—	2.15	8	22			1
Fifteen Mile Ranch (Pavilion).....	50 40	120 50		50.3	—	1	75.0	30	30.0	20	23.3	0.24	—	0.21	2	28			
Fort George.....						3													
Fort St. James (Stuarie Lake).....	54 28	124 12	2280	45.7	+1.1	21	58.0	28-29	-1.5	1	22.3	0.74	-0.14	0.37	7	23			
Hydraulic.....	52 42	122 5		45.1	—	3	68.0	15-30	24.0	9-10	29.3	0.77	—	0.37	4	26			
Quesnelle.....	52 59	122 30	1700	44.4	+1.5	19	69.0	23	23.0	21	25.7	0.81	+0.45	0.22	6	24			
Okanagan and Shuswap Valleys																			
Dark Lake Ranch.....	50 3	119 20	1400																
Heilley.....	49 35	120 10	1771	50.2	+3.6	11	78.0	30	30.6	20	23.3	0.68	+0.27	0.21	6	24			
Heilley (Nickel Plate).....	49 20	119 53	4500	36.6	+1.6	11	69.0	30	16.0	20	18.4	1.50	-1.95	0.40	5	25			
Kelowna.....	49 15	120 0	1372	52.1	—	5	73.5	30	31.0	1	19.7	1.05	—	0.43	5	25			
Kelowna (Okanagan Mission).....	49 15	119 29	1200	45.8	+2.1	15	68.0	10-13	25.0	1	25.1	0.20	-0.98	0.11	3	27			1
Pantheon.....	49 29	119 35		50.3	—	8	77.0	30	26.0	1	24.0	1.26	—	0.43	10	20			
Princeton.....	49 29	120 29	1650	46.8	+2.6	1	75.0	30	20.0	1	29.0	0.65	+0.11	0.26	0	24			
Richlands.....	50 18	118 35		44.5	—	2	70.0	30	22.0	21	28.2	1.45	—	0.42	9	21			
Sumnerland.....	49 36	119 40	1100	49.2	—	8	74.0	30	27.0	1	21.7	1.02	—	0.33	5	25			
Vernon (Coldstream Ranch).....	50 14	119 15	1582	49.1	+2.5	20	74.0	30	27.0	1	24.7	0.42	-0.08	0.11	10	20			
West Kootenay																			
Boswell.....	49 19	116 41																	
Crawford Bay.....	49 45	116 45	2000	46.0	—	5	68.0	30	24.0	3	20.3	2.04	—	0.48	10	20			2
Creston.....	49 6	110 33	1985	46.1	—	3	68.0	30	28.0	20	21.8	1.17	—	0.27	9	21			
East Arrow Park.....			1413	47.5	—	1	73.0	30	33.5	4-9	19.8	3.08	—	0.92	17	13			
Fanquar.....	49 54	118 6		46.8	—	5	76.0	30	28.0	10-11	25.7	2.39	—	0.93	9	21			
Grand Forks.....	49 2	118 27	1746	49.7	—	4	77.0	30	29.0	21	24.4	1.97	—	0.84	12	18			1
Greenwood.....	49 1	118 6	2400	46.5	—	2	75.0	30	21.0	9-19	30.1	1.81	—	0.35	12	18			
Howser.....	50 18	117 0		45.0	—	3	66.0	30	29.0	10-10	18.9	1.15	—	0.80	3	27			
Kaslo.....	49 52	117 0	1752	45.1	—	6	64.0	29	26.0	1	17.5	2.07	—	0.67	7	23			
Nakusp.....	50 14	117 49		45.3	—	3	68.0	30	28.0	1	20.4	3.67	—	0.56	12	18			1
Nelson.....	49 29	117 21	1760	48.5	+1.5	14	74.0	30	28.0	1	22.7	3.07	+1.65	0.82	10	20			2
Pend d'Oreille (Waneta).....			2260	47.1	—	2	69.0	30	29.0	9	23.0	2.33	—	0.58	10	20			
Perry Siding.....	49 5	117 48	1700	47.3	—	1	76.0	30	28.0	24	24.1	2.92	—	0.69	15	15			2
Rossland.....	49 5	117 48	3400	44.6	+3.0	10	69.0	30	29.0	1	16.6	3.50	-1.98	1.13	12	18			
Westley.....	49 20	117 45	1414	45.3	—	1	77.0	30	30.5	25	22.3	2.72	—	0.98	12	18			2
East Kootenay																			
Cranbrook.....	49 30	115 50		46.0	—	6	75.0	30	21.0	1	26.7	0.79	—	0.23	7	23			
Fernie.....	49 30	115 3	3395	42.7	—	1	62.0	21	23.5	1	19.1	2.66	—	0.61	17	13			
Fruitlands (Elko).....	49 1	115 5	2684	50.4	+5.0	19	66.1	12-23	29.0	11-25	19.7	1.48	+0.52	0.41	10	20			2
Gateway.....				41.3	—	1	65.0	12	24.0	21	23.7	0.46	—	0.35	3	27			1
Invermere.....	50 30	116 2	2650	43.8	—	2	71.0	30	22.0	1	23.2	1.25	—	0.59	7				

## TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, APRIL, 1914.

\*Stations not furnished with Registering Thermometers

STATION.	Latitude N.	Longitude W.	Elevation above sea level, in feet.	TEMPERATURE							PRECIPITATION			Days with 0.1 or more.	No. of fair days.	No. of aurora.	No. of thunderstorms.	No. of fogs.
				Mean.	Difference from average.	Yr's Observations.	Highest.	Date.	Lowest.	Date.	Mean daily range.	Amount.	Difference from average.					
BRITISH COLUMBIA—Con.																		
Nicola Lake.....	50 9	120 39	2120	45.6	+ 1.9	19	66.0	30	23.0	1	24.9	0.25	- 0.31	0.05	5	25		
Salmon Arm.....	50 42	119 35	1152	48.7	+ 3.0	13	74.0	30	24.0	1	25.6	1.27	+ 0.43	0.28	12	18		
Salmon Arm (Exp. Farm).....				47.9	—	3	74.0	30	27.0	21	23.2	0.97	—	0.48	5	25		
Tappen.....			1350	50.6	—	3	80.0	30	23.0	1	30.7	0.76	—	0.14	13	17		
Tranquille.....	50 41	120 29		51.6	—	6	76.0	30	26.0	1	25.4	0.14	—	0.08	4	26		
Vavenby.....	51 36	119 45	1450	48.4	—	2	74.0	30	24.0	8-20	26.7	0.37	—	0.16	6	24		
North Columbia River																		
Glacier.....	51 14	117 29	4072	36.4	+ 0.9	17	51.0	28	16.0	2	13.6	4.25	+ 1.31	0.25	7	23		
Golden.....	51 0	118 6	1476	44.4	+ 2.8	13	70.0	30	19.0	1	25.6	0.75	+ 0.19	0.50	3	27		
Revelstoke.....	51 16	116 5	2550	44.9	+ 1.7	14	69.0	30	27.0	21	22.0	2.42	+ 0.47	0.62	14	16		
North Coast																		
Beila Coola.....	52 40	126 54	150	47.6	+ 3.2	15	71.0	10	29.0	1	16.8	2.85	+ 1.00	0.92	15	15		
Prince Rupert.....	54 18	130 18	170	48.8	—	5	68.0	9	36.0	1	12.5	9.10	—	1.72	20	10		
Stewart.....	56 1	130 1	215	38.6	—	4	54.0	9	24.0	1	14.1	3.80	—	0.81	14	16		
Terrace.....	64 30	128 30	545	47.1	—	2	71.0	10	29.0	7	19.0	1.40	—	0.32	9	21		
Queen Charlotte Islands																		
Ikeda Bay.....	52 17	131 7	5	49.7	—	6	58.0	30	35.0	20-28	7.4	18.58	—	3.25	19	11		
Massett.....	63 68	132 9	10	44.4	+ 1.5	17	60.0	11	33.0	7-27	12.5	4.07	- 0.77	0.65	18	12		
Yukon Boundary																		
Atlin.....	69 35	133 38	2240	31.6	—	9	51.5	2	- 1.5	2	18.5	1.19	—	0.30	7	23		
YUKON—																		
Carcross.....	60 11	134 34	2171	30.8	—	7	55.0	27	- 2.0	2	20.8	—	—	—	—	—		
Dawson.....	64 4	139 29	1200															
ALBERTA—																		
N. Saskatchewan River																		
Campsie.....	54 8	114 42		39.0	—	2	73.2	30	- 2.5	2	29.9	0.43	—	0.25	3	27	5	
Coronation.....				44.2	—	3	72.0	12	20.0	7	24.2	—	—	—	—	—		
Daysland.....	55 52	112 17		39.6	—	7	72.0	30	4.0	2	26.8	1.48	—	0.82	4	26		
Edmonton.....	53 33	113 30	2158	41.8	+ 1.2	31	72.0	30	7.2	2	26.7	0.38	- 0.46	0.18	3	27	1	
Endiang.....	52 0	112 0	2795	38.2	—	4	73.0	30	13.0	2	24.8	0.72	—	0.42	2	28		
Halkirk (Emaburg).....	52 17	112 10		35.7	—	5	70.0	30	8.0	2	24.3	1.16	—	0.66	5	25	1	
Lloydminster.....	53 18	110 0		40.3	—	1	70.0	18-26	8.0	2	21.7	1.00	—	0.60	2	28		
Loveland.....	52 30	111 59		40.0	—	4	71.0	19	8.0	2	27.6	1.15	—	1.10	2	28		
Ranfurly (Whitefield).....	53 29	111 33	2000	37.6	+ 0.4	10	71.0	19	1.0	2	28.2	2.02	- 0.91	1.42	5	25	5	
Redgewick.....	52 47	111 41			—	2	72.0	30	9.0	2	23.1	0.43	—	0.20	4	26	2	2
Sion.....	53 54	114 15		37.9	—	2	72.0	30	9.0	2	23.1	0.43	—	0.20	4	26	2	2
Vermilion.....	53 22	110 50			—	2	72.0	30	13.0	2	27.2	0.79	—	0.61	2	28		
Wastana.....	51 39	111 5		38.5	—	2	72.0	30	13.0	2	27.2	0.79	—	0.61	2	28		
Wetaskiwin.....	52 68	113 23	2480		—								—	—				
The Red Deer River																		
Alix.....	52 24	113 10	2585	41.1	—	9	70.0	20	13.0	2	26.5	0.24	—	0.08	4	26		
Alaska.....				38.6	—	1	70.0	16-20	15.0	2	25.3	0.80	—	0.43	4	26		
Clemens.....	51 15	114 44		41.2	—	2	72.0	16-24	10.0	8	26.3	0.76	—	0.36	4	26		1
Della.....	51 38	112 25			—								—	—				
Didsbury.....	51 49	114 8	3300	40.3	- 0.2	12	76.0	30	18.0	1-21	23.3	0.40	- 0.45	0.40	1	29		
Harmattan.....	51 45	114 23	3500	37.2	—	7	66.0	24	4.0	5	27.9	0.55	—	0.25	4	26		
Hilldown.....	52 14	113 29	2940	40.9	+ 0.7	11	72.3	30	18.0	1	23.9	0.37	- 0.37	0.18	5	25		
Iscombe (Ex. Farm).....	52 68	113 44	2783	40.1	—	7	72.6	30	14.7	2	25.3	0.34	—	0.11	6	24		
Moose (Tyrol).....	51 15	110 39		36.1	—	1	70.2	30	1.5	4	29.2	1.17	—	0.72	3	27		
Perbeck.....	51 58	113 5		40.3	—	1	74.0	30	16.0	2	27.3	0.16	—	0.09	2	28		
Red Deer.....	52 16	113 49	2806	38.7	- 0.2	11	71.0	30	16.0	2	26.3	0.28	—	0.13	6	24		1
Springdale.....	52 51	110 12		39.3	—	1	71.0	30	14.5	1	24.1	0.46	—	0.17	5	25		1
The Bow River																		
Brooks.....	50 34	111 54		41.4	—	3	72.0	30	22.0	21	24.5	8.05	—	0.05	1	29		
Calgary.....	51 2	114 2	3427	42.8	+ 3.0	30	72.0	30	16.0	7	25.9	0.60	- 0.09	0.28	7	23		
Clareholm.....	50 2	113 35		40.4	—	1	67.0	16	20.0	14	25.3	0.42	—	0.19	6	24		
Expanse Coulee.....				44.6	—	1	76.8	30	18.0	17	28.2	—	—	—	—	—		
Geechen.....	50 50	112 54	2052		—								—	—				
High River.....	50 35	113 53	3304		—								—	—				
Lawrence (Parkland).....	50 16	113 26	3500	45.1	—		75.0	24-25	22.0	7-30	28.6	0.18	—	0.10	3	27		
Lethbridge (Exp. Farm).....	49 43	112 51		42.4	—	7	68.1	14	16.0	21	25.5	0.54	—	0.26	6	24		
Lundbrook.....				39.1	—	1	62.0	21	10.0	22	22.0	0.60	—	0.30	2	28		
Macleod.....	49 44	113 24	3128	42.7	+ 0.1	19	67.5	12	14.0	22	25.0	0.31	- 0.22	0.14	5	25		1
Medicine Hat.....	50 1	110 37	2143	47.8	+ 3.2	30	77.0	30	20.0	7	26.6	—	- 0.50	—	0	30		
Medicine Hat (Ex. Farm).....				43.4	—	1	79.0	16	20.0	2	29.3	—	—	—	—	—		
Okotoks.....	50 43	113 50		41.2	—	2	74.0	30	10.0	7-21	25.5	0.33	—	0.15	5	25		
Ronolane.....	50 5	111 34	2350	46.1	—	1	79.2	30	17.4	6	27.9	0.58	—	0.58	1	29		
Strathmore.....	51 3	113 23		40.4	—	2	74.0	30	12.2	6	26.1	0.07	—	0.05	2	18		
Suffield.....	50 13	111 9		42.3	—	1	70.0	20	14.0	7	29.6	0.02	—	0.02	1	29		
Sundiat.....	50 6	112 34		44.8	—	3	79.0	23	17.0	6	26.0	—	—	—	—	—		
Rocky Mountains																		
Ranff.....	51 10	115 34	4542	38.4	+ 1.8	19	65.0	30	8.2	1	21.0	1.90	+ 0.84	1.30	8	22		
Brazes Forest (Coal Spur).....	49 40	114 30	4226	—	—	1	63.0	24	—	—	—	1.59	—	0.91	2	25		
Athabasca River																		
Athabasca Landing.....	54 43	113 17	1650	38.5	—	11	70.0	30	- 3.0	2	27.3	0.43	—	0.37	3	27		
Edson.....	53 33	116 25			—								—	—				
Jasper.....					—								—	—				
Lundford.....	54 33	114 19			—								—	—				
Pemhine.....	54 12	114 0			—								—	—				
Peace River																		
Beaver Lodge.....	65 20	119 24		36.1	—	2	64.0	24	- 8.0	2	23.1	0.31	—	0.20	2	28	1	
Dunvegan.....	55 54	118 34	1805		—								—	—				
Fort Vermilion.....	58 27	116 3			—	9	—	—	- 10.0	2	—	—	—	—	—	17		
Fort Vermilion (2).....					—								—	—				
Grande Prairie.....					—								—	—				
Peace River Crossing.....	68 16	117 15		39.2	—	7	73.0	23	- 7.0	2	34.2	—	—	—	—	—		

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				Mean.	Difference from average.	Yr's observations.	Highest.	Date.	Lowest.	Date.	Mean daily range.	Amount.	Difference from average.					
SASKATCHEWAN—																		
Qu'Appelle River																		
Broadview.....	50 23	102 33	1960															
Brownhill (Grenfell P.O.)...	50 23	102 53	1957	37.4	+ 0.2	20	72.0	15	7.0	6	22.4	3.07	+1.99	1 27	5	25		
Buchanan.....	51 42	102 45																
Crescent Lake.....	50 59	102 25	1638	34.9	—	9	67.3	16	6.2	7	23.8	0.57	—	0.30	8	22	1	
Estevan.....	50 59	103 4	1858	38.3	— 1.0	10	73.0	15	8.0	7	24.5	6.30	— 0.57	0.30	1	29		
Fort Qu'Appelle.....	50 47	103 47		39.0	—	8	75.0	21	4.1	8	25.7	0.89	—	0.77	3	27		1
Hubbard (Drumague).....	51 5	103 24																
Humboldt.....	51 5	105 9		34.8	—	7	67.0	16-17	5.0	7	25.4	0.31	—	0.20	4	26		1
Imperial.....	52 12	105 23		35.0	—	3	74.0	15-23	0.0	10	26.5	—	—	—	—	—	—	
Indian Head.....	51 22	103 40	1924	34.0	— 1.8	24	70.0	15	2.0	6	22.5	1.29	+0.41	0.80	4	26		
Kamsack.....	51 30	101 52		41.4	—	5	65.0	15	4.0	6	21.7	0.29	—	0.15	4	26		
Moose Jaw.....	50 21	105 35	1759	35.1	+ 3.2	19	79.0	15	9.0	7	28.2	0.22	— 0.29	0.17	2	28		1
Moosomin.....	50 0	101 37	1884	37.0	— 2.4	12	68.0	16-24	3.0	6	22.2	1.24	+0.69	0.63	3	27		
Muenster (St. Peter's Mon.)	52 0	105 0	1870	35.4	—	9	67.0	15	0.0	7	23.6	0.36	—	0.19	4	26		1
Pilger.....	52 25	105 9		39.5	+ 1.9	18	74.0	16	2.0	7	22.0	0.47	—	0.26	4	26		
Pense (Gatesgarth).....	50 20	105 0	1879	38.4	+ 2.4	30	70.0	16	5.0	7	23.5	0.89	— 0.45	0.13	2	28		1
Qu'Appelle.....	50 30	103 47	2115	38.2	+ 1.1	28	73.0	15	10.0	7	23.6	0.30	— 0.44	0.09	5	25		1
Regina.....	50 27	104 37	1885	37.2	—	1	71.0	15-16	6.0	7	23.6	1.45	—	0.70	3	27		
Whitewood.....				36.8	—	7	69.0	15	8.0	7	26.7	—	—	—	4	26		
Yarbo (Fairfield).....	50 33	102 4		38.9	—	4	73.0	15	9.0	6	23.2	0.77	—	0.60	3	28	1	1
Yellow Grass.....	49 49	104 9		38.9	—	4	73.0	15	9.0	6	23.2	0.77	—	0.60	3	28		
Yorkton.....	51 11	102 29		36.4	—	5	68.0	16	9.0	8	21.2	0.68	—	0.43	4	26		
S. Saskatchewan River																		
Chaplin.....	50 26	106 39	2202	40.2	— 0.1	27	73.0	15	11.0	7	23.8	1.03	— 0.21	0.86	5	25		1
Kindersley.....	51 28	109 9		37.3	—	3	75.0	16	13.0	8	22.0	0.35	—	0.14	6	24		
Kintonel (Divide).....	49 38	108 53	3500	39.9	—	7	75.0	23	9.4	7	24.3	0.95	—	0.05	1	29		3
Kelvinhurst (Nashlyn).....	51 46	108 10		40.1	—	4	76.0	30	9.0	7	29.9	—	—	0.14	3	27	1	1
Larchmount (Pambrum).....	49 21	109 29	2500	38.0	—	4	74.0	24	6.5	7	27.1	0.19	—	0.15	2	28		
Rathmullen.....	51 20	108 57		41.8	+ 0.5	28	76.0	17	11.0	7	27.8	0.40	— 0.35	0.24	5	25		
Swift Current.....	50 20	107 45	2439															
N. Saskatchewan River																		
Anglin.....	51 55	101 10		39.1	—	5	76.0	15	9.0	7	28.6	0.39	—	0.23	3	27	4	
Battleford.....	52 41	108 20	1620	41.9	+ 3.9	24	75.0	15	15.0	4-7	23.6	0.54	+0.13	0.30	3	27		
Lloydminster.....	53 18	110 0		38.6	—	4	73.0	15	9.0	7	27.0	0.45	—	0.16	6	24		
Luseland.....	52 5	109 24		37.5	—	9	67.0	25	0.0	2	25.8	—	—	—	—	—	—	
Onion Lake.....	53 52	109 59		37.5	—	9	67.0	25	0.0	2	25.8	—	—	—	—	—	—	
Prince (Meota).....	51 0	108 20	1700	35.6	—	2	69.5	30	0.0	3-4-7	24.3	1.35	—	0.89	2	28		
St. Walburg.....	53 36	109 9		37.9	—	5	76.5	19	9.1	2	26.5	1.36	—	0.48	8	22		1
Scott (Ex. Farm).....	51 59	109 30		38.9	—	5	76.5	30	8.0	7	26.7	0.46	—	0.46	1	29	1	
Waseca.....	53 6	109 29																
The Saskatchewan Forks																		
Melfort.....	52 47	104 30		35.1	—	5	68.0	16-23	2.0	7	24.4	0.53	—	0.20	6	24	1	
Prince Albert.....	53 10	106 0	1432	38.3	+ 1.6	29	70.0	24	4.0	7	27.5	1.31	+0.52	0.40	9	21		
Rosthern.....	52 40	106 20	1657	35.8	—	4	69.3	16	8.1	7	22.3	0.63	—	0.19	7	23		
Saskatoon.....	52 15	106 30	1571	37.9	+ 1.2	16	72.3	16	9.3	7	23.4	0.40	+0.03	0.22	6	24		1
Lower Saskatchewan River																		
Lost River.....	53 17	104 21		31.7	—	3	67.0	16	— 2.0	7	24.4	0.93	—	0.69	3	27		1
MANITOBA—																		
Qu'Appelle and Assiniboine Rivers																		
Boisavain.....	50 25	101 1	1703	36.9	—	3	69.0	16	6.0	7	19.2	2.34	—	1.13	6	24		
Brandon.....	49 51	99 57	1176	35.6	— 4.7	26	69.9	16	5.8	7	20.3	2.52	+1.77	1.35	6	24		
Carman.....	49 31	98 0	872															
Cypress River.....	49 33	99 3	1232	34.3	—	9	68.0	17	5.0	7	22.6	2.60	—	1.17	6	24		
*Hillview.....	49 55	100 33	1400	34.9	— 3.2	25	70.0	15	6.0	7	—	1.30	— 0.02	0.72	3	27		
Minnedosa.....	50 15	99 50	1699	36.1	— 1.5	30	70.0	14	3.2	7	22.5	1.64	+0.76	1.06	14	16		2
Ninette.....	49 24	99 38	1363	41.3	—	3	71.0	13	3.0	14	22.8	1.10	—	0.80	2	28		
Ninga.....	49 14	99 51	1649	34.8	—	5	66.0	15	5.0	6	18.1	1.75	—	1.67	3	25		1
Pierson.....	49 11	101 5	1531	37.5	—	10	70.0	16	7.0	7	21.6	1.70	—	0.95	4	26		
Pipestone.....	49 34	100 58	1400															
Portage la Prairie.....	49 57	98 17		35.6	— 3.9	24	66.0	16	7.0	7	19.7	1.46	— 0.66	0.73	6	24		
Portage la Prairie (2).....	49 56	98 17		34.8	—	9	67.0	21	13.0	9-11	18.5	1.72	—	0.80	6	24		
Russell.....	50 59	101 20		32.5	— 2.6	21	65.0	16	2.0	7	19.8	1.34	+0.42	1.05	4	26		
St. Alban's (Treesbank).....	49 42	99 33	1180	37.6	+ 1.5	29	73.5	16	5.0	7	22.8	2.69	+1.58	1.24	9	21	3	
Souris.....	49 37	100 14		37.3	—	3	68.0	17	5.0	9	21.3	2.20	—	1.60	2	28		
Treherne.....	49 36	98 40	1212	36.0	— 2.4	19	66.0	16-20	5.0	7	19.7	2.62	+1.50	1.66	10	20	1	1
Virden.....	49 51	100 55	1444	38.0	—	9	62.0	20	7.0	6	23.4	0.40	—	0.20	2	28		
The Red River																		
Almasippi.....	49 14	99 20		36.7	+ 1.2	12	69.0	20	8.0	7	19.3	1.71	+0.54	0.78	6	24		1
Morden.....	49 11	98 6	978	36.0	+ 2.8	10	69.0	21	8.0	7	18.2	1.22	+0.11	0.33	7	23	1	3
Oak Bank.....	49 57	96 42	800	35.3	+ 3.5	28	64.7	16	6.5	7	17.6	0.79	— 0.74	0.40	5	25		1
Selkirk.....				32.1	—	1	59.0	16	2.0	7	17.5	—	—	—	—	—	—	
Stony Mountain.....	50 40	97 14	803	34.0	— 5.0	32	59.0	27	5.0	7	23.8	0.50	— 0.31	0.50	3	28		
Winnipeg.....	49 53	97 7	760	36.1	— 2.5	38	68.0	16	9.0	7	18.4	0.75	— 0.89	0.31	12	18	1	2

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STATION.	TEMPERATURE.										PRECIPITATION.			Days with .01 or more.	No. of fair days.	No. of auroras.	No. of thunderstorms.	No. of fogs.	
	Latitude N.	Longitude W.	Elevation above sea level, in feet.	Mean.	Difference from average.	Yr's of observations.	Highest.	Date.	Lowest.	Date.	Mean daily range.	Amount.	Difference from average.						Heaviest fall in month.
MANITOBA—Continued																			
Dauphin Lake and River	51 15	97 23	716	29.0	—	7	57.0	17	0.0	7	24.5	0.60	—	0.30	3	27	..	..	
Berens River	51 8	100 2	857	34.2	—	4	68.0	17	5.0	7	20.5	0.59	—	0.26	3	27	..	..	
Dauphin	51 15	99 33	810	29.8	—	4	55.0	17	—1.0	7	19.0	0.75	—	0.40	10	20	3	..	
Moose Horn Bay (Aitkenville)	52 6	101 15	1112	28.5	—	4	59.2	23	14.0	7	23.1	1.02	—	0.40	7	23	1	..	
ONTARIO—																			
The Lake Superior Districts																			
Rainy River																			
Dryden	48 36	93 25	..	32.0	—	1	65.2	27	2.0	11	20.7	0.89	—	0.46	5	25	1	..	
Fort Frances	48 29	89 26	912	39.3	—	1	70.0	25	8.0	5	20.6	1.61	—	0.56	12	18	..	..	
Ignace	49 48	93 32	1102	30.1	—	15	65.5	15	0.0	5	23.2	1.93	—	0.43	6	24	..	..	
Kasora	49 37	95 6	..	32.6	—	1	62.5	26	3.0	11	19.3	1.27	—	0.48	3	27	1	1	
Rainy River	49 37	95 6	..	29.9	—	1	65.0	18	—10.0	5	23.7	0.85	—	0.30	9	21	4	..	
Shoal Lake	48 18	86 16	..	28.6	—7.7	16	57.0	16	—2.0	3	22.0	0.65	—0.11	0.40	3	27	..	..	
Sioux Lookout	48 29	89 26	912	28.9	—	6	60.0	26	—8.0	3	26.8	1.72	—	0.36	10	20	1	1	
Thunder Bay	48 29	89 26	..	30.0	—1.7	13	66.5	26	—3.0	4	24.0	1.36	—0.66	0.35	9	21	..	..	
Heron Bay	48 29	89 26	..	22.8	—	1	47.0	26	—12.0	5	12.6	0.73	—	0.30	10	20	..	..	
Kakabeka Falls	48 27	89 12	644	32.7	+3.1	32	62.0	26	—4.0	3	21.5	1.37	—0.26	0.55	11	19	..	..	
Nipigon	48 55	90 18	1506	27.8	—6.3	13	63.0	26	—13.0	3-6	26.5	0.40	—0.93	0.30	2	28	..	..	
Oscar	48 50	87 15	933	39.3	—3.4	14	60.0	18	—2.0	3	25.3	2.10	—	0.60	9	21	2	..	
Port Arthur	47 40	82 11	1333	29.1	—	1	62.5	18	—9.5	13	20.7	2.94	—	0.65	14	16	..	..	
Savanne	46 18	83 55	595	..	..	15	..	..	..	..	..	..	..	..	..	..	..	..	
Schreiber	47 48	83 23	..	28.5	—	1	62.5	17	—10.0	13	23.7	..	..	..	..	..	..	..	
Algoma	46 30	80 59	..	33.9	—	7	62.0	17-18	7.0	3	16.4	1.97	—	0.51	9	21	..	..	
Bisco	48 29	84 29	..	25.1	—	1	62.0	18	—1.0	21	29.8	1.95	—	0.43	8	22	..	..	
Bruce Mines	45 40	82 14	..	28.4	—	3	65.0	18	—10.0	13	26.0	0.45	—	0.20	3	27	..	..	
Chapleau	48 35	85 16	1252	31.6	—	3	55.0	17-20	7.0	4-5	22.7	1.74	—	0.86	9	21	..	..	
Copper Cliff	48 40	81 30	885	28.0	—	2	62.0	18	—12.0	13	24.9	1.23	—	0.40	9	21	..	..	
Grassett	48 35	85 16	1248	26.3	—7.0	25	62.0	26	—15.0	13	28.4	1.62	—0.83	0.43	9	21	..	..	
Porcupine	49 2	81 0	946	28.2	—	3	61.0	27	—8.0	13	23.7	0.70	—	0.30	4	26	..	..	
Providence Bay	47 29	79 39	687	33.5	—4.8	21	59.6	18	3.1	13	19.7	2.63	+1.08	0.60	12	18	..	..	
Timmins (Wawatig Falls)	48 43	80 40	850	29.3	—	2	59.7	17	—11.2	13	25.4	0.95	—	0.30	6	24	..	..	
Whita River	47 8	79 29	..	30.9	—	4	61.0	17	—2.0	13	23.0	2.17	—	0.79	8	22	..	..	
Upper Ottawa River																			
Rutherford (Lake Talon)	46 15	74 48	..	35.5	—5.6	18	69.0	18	8.0	3	18.7	2.66	+0.23	1.00	9	21	..	..	
Stonewall (Rockliffe)	46 9	78 6	557	35.9	—3.8	36	68.0	18	6.0	13	20.0	2.31	+0.67	0.47	13	15	..	..	
Upper St. Lawrence and Lower Ottawa Rivers																			
Almonte	45 12	76 13	390	38.2	—	3	74.5	19	12.0	13	18.1	2.68	—	0.83	12	18	..	..	
Bloomfield	43 59	77 21	260	35.4	—5.5	16	68.0	19	17.0	13	14.5	2.35	—0.02	0.44	7	23	..	..	
Hillier	44 13	76 29	285	39.1	—2.5	39	64.4	28	17.1	1	14.2	1.75	—	0.80	4	26	..	..	
Kingston	44 50	75 57	..	..	..	5	..	..	..	..	..	3.56	+1.57	0.91	12	18	..	..	
Montague	44 56	75 12	..	..	..	..	..	..	..	..	..	2.06	—	0.79	7	23	..	..	
Morrisburg	45 8	75 43	..	39.8	—	12	75.0	18-30	..	..	..	..	..	..	..	..	..	..	
North Gower	45 26	75 42	294	38.0	—4.7	31	68.5	19	14.0	13	16.2	2.79	+0.91	0.79	16	14	..	..	
Ottawa	45 26	76 39	416	38.2	—3.4	26	68.0	18	12.0	13	16.4	2.17	+0.68	0.53	10	20	..	..	
Renfrew	45 26	76 39	416	38.2	—3.4	26	68.0	18	12.0	13	16.4	2.17	+0.68	0.53	10	20	..	..	
Georgian Bay Counties																			
Barrie	44 23	79 41	839	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Beaumont	45 8	79 20	800	38.0	—0.7	44	70.0	18	12.0	13	17.9	2.44	+0.30	0.76	9	21	..	..	
Big Chute (Buskio P.O.)	44 42	79 38	655	38.4	—	1	76.0	19	11.0	4	20.5	1.96	—	0.62	6	24	..	..	
Coldwater	44 38	79 40	600	38.0	—2.9	27	80.0	18	13.0	3	20.1	1.45	—1.58	0.80	5	25	..	..	
Collingwood	44 31	80 2	..	39.3	—0.4	18	80.0	19	10.0	3	18.0	0.45	—0.55	0.15	6	24	..	..	
Gravenhurst	44 54	79 20	..	37.2	—1.7	43	73.0	18	12.0	3-13	20.0	1.69	+0.08	0.47	8	22	1	3	
Huntsville	45 19	79 8	..	37.3	—	8	72.0	18	10.0	3	18.5	..	..	..	..	..	..	..	
Midland	44 44	79 53	750	39.7	—	7	70.0	18	11.0	3	..	1.62	—	0.32	8	22	..	..	
Markdale	44 19	80 39	..	37.7	—	3	77.0	29	5.0	6	18.8	1.11	—	0.49	4	26	..	..	
Meaford	44 36	80 36	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Orillia	44 37	79 24	775	..	..	19	..	..	..	..	..	..	..	..	..	..	..	..	
Owen Sound	44 34	80 55	597	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Perry Sound	45 19	80 0	635	37.6	—2.4	38	73.0	18	11.0	3	19.6	3.29	+1.15	0.94	14	16	..	..	
Ronville	45 15	78 57	1038	36.0	—	7	61.0	17	9.0	12	18.4	1.41	—	0.61	4	26	..	..	
Sandridge	..	..	..	33.6	—	1	67.0	18	..	3-5	22.0	2.16	—	0.59	8	22	..	..	
Tobermory	..	..	..	36.4	—	1	94.0	19	15.0	2	11.3	1.33	—	0.88	6	24	..	..	
Lake Huron Counties																			
Brimm	43 2	81 55	600	42.8	—0.8	31	80.0	18	17.0	9	13.9	2.45	—0.03	0.80	8	22	..	..	
Brucefield (Clinton)	43 32	81 37	..	40.7	+1.0	12	80.0	29	17.0	5	17.3	1.97	—0.52	0.75	12	18	..	..	
Lucan	43 56	81 30	908	38.9	—4.2	30	79.2	28	13.7	5	19.4	1.87	—0.27	0.50	14	16	..	..	
*North Bruce	44 23	81 25	..	38.9	—2.1	26	77.0	18	19.0	3	..	1.63	+0.39	0.43	14	16	..	..	
Ridgcrest (Goderich)	43 45	81 41	..	39.7	—1.0	24	80.0	29	12.0	5	16.2	2.38	—	0.51	13	17	..	..	
Southampton	44 30	81 21	656	39.2	—1.6	37	77.0	18	18.1	3-13	16.4	1.84	+0.17	0.59	17	13	..	..	
Lakes St. Clair & Erie.																			
Niagara Peninsula																			
Chatham	42 23	82 12	595	45.2	—0.6	27	83.0	28	20.0	9	17.9	3.37	+1.16	1.59	8	22	..	..	
Cottam	42 7	82 45	806	40.6	—6.0	26	82.0	18	14.0	8	24.1	3.02	+1.64	0.77	7	23	..	..	
Dutton	42 40	81 32	..	44.2	—	2	82.0	18	18.0	9	21.0	1.54	—0.24	1.00	3	27	..	..	
Grimshy	43 13	79 36	..	42.0	—	5	80.0	18	21.0	8	16.0	3.67	—	0.55	12	18	..	..	
Pelea Island	41 50	82 35	585	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Port Burwell	42 39	80 55	592	41.2	—0.3	11	73.0	28	18.0	5	14.6	2.53	—0.19	0.72	10	20	..	..	
Port Dover	42 27	80 18	635	41.0	—0.2	37	70.5	18	19.5	9	15.2	2.94	—1.66	0.81	19	11	..	..	
Port Stanley	42 40	81 12	592	41.0	—1.1	39	64.2	28	20.5	4-13	15.2	5.03	+0.45	1.37	20	10	..	..	
St. Catharines	43 9	79 17	347	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	
Stoney Creek	43 13	79 45	292	41.8	—2.3	31	80.0	18	22.0	5-9	14.5	2.68	—0.15	0.69	8	22	..	..	
Wallaceburg	42 35	82 24	..	42.9	—	9	80.0	18-28	19.0	8-9	20.0	2.39	—	1.10	8	22	..	..	
Welland	42 59	79 17	577	41.8	—1.6	28	77.0	18	20.0	19	16.5	2.65	—0.03	0.35	14	16	..	..	
Windsor	42 20	83 4	625	45.0	—0.7	39	83.0	29	20.0	9	17.5	3.64	+1.03	1.40	8	22	..	..	

## TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, APRIL, 1914.

\* Stations not furnished with Registering Thermometers.

STATION	Latitude N.	Longitude W.	Elevation above sea level in feet.	TEMPERATURE						PRECIPITATION				Days with 01 or more.	No. of fair days.	No. of auroras.	No. of thunderstorms.	No. of fogs.
				Mean.	Difference from average.	Yr's Observations	Highest	Date.	Lowest	Date.	Mean daily range	Amount	Difference from Average.					
ONTARIO—Continued—																		
West-Central Counties																		
Aitona	43 51	80 5	1250	37.9	-2.7	27	75.0	19	15.0	3	17.6	2.57	+0.46	1.03	8	22	1	1
Brantford	43 10	80 21	750	39.5	-3.6	34	76.0	28	16.0	4	18.7	2.53	+0.70	1.14	6	24	1	1
Elora	43 41	80 24	1274	38.9	-1.1	18	78.0	18	10.0	4	17.2	2.34	+0.24	0.61	11	19	1	1
Guelph	43 33	80 16	1050	40.8	-0.8	26	76.0	18	15.0	5	17.6	2.25	+0.99	1.32	13	17	1	1
Listowel	43 44	80 58	1262	38.2	-0.6	19	76.0	28	14.0	4	17.1	2.15	-0.01	0.42	7	24	1	1
London	42 59	81 13	808	42.7	-1.2	31	81.0	28	16.0	5	19.5	3.57	+1.19	1.40	13	17	1	1
Paris	43 12	80 25	840	43.0	-0.9	25	81.0	18	19.0	8	18.6	2.77	+0.80	1.95	8	22	1	1
Snelburne	44 5	80 47	1191	41.0	-2.3	41	78.0	28	11.0	4	18.9	2.66	-1.06	1.17	11	19	1	1
Stratford	43 23	81 0	980	41.0	-2.3	41	78.0	28	11.0	4	18.9	2.66	-1.06	1.17	11	19	1	1
Woodstock	43 8	80 47	980	41.0	-2.3	41	78.0	28	11.0	4	18.9	2.66	-1.06	1.17	11	19	1	1
Lake Ontario Counties																		
Agincourt	43 47	79 16	590	40.5	-2.6	19	72.0	18	19.0	13	16.3	2.16	-0.11	0.74	10	20	1	2
Aurora	43 57	79 21	856	39.0	-	6	74.0	18	17.0	2-17	16.9	2.11	-0.23	0.62	7	23	1	1
Georgetown	43 38	80 2	303	39.8	-	1	77.5	18	18.4	9	14.0	1.84	-0.60	0.51	13	17	1	1
Hamilton	43 16	79 54	303	41.9	-1.2	38	80.0	18	22.0	9	13.7	—	—	—	—	—	—	—
Oshawa	43 53	78 52	331	39.1	-	10	64.0	18-19	20.0	13-14	15.4	2.20	-	0.85	7	23	1	1
Toronto	43 40	79 24	350	41.5	-1.6	74	67.0	19	21.5	9	14.5	1.92	-0.21	0.59	12	18	1	1
Toronto Is (Lakeside Home)	43 40	79 24	350	39.7	-0.9	10	57.0	19	22.0	3-13	14.4	—	—	—	—	—	—	—
Uxbridge	44 5	79 8	886	39.6	-0.5	10	60.0	18	17.0	13	13.8	1.53	-1.02	0.36	11	19	1	1
Wexford	43 44	79 17	555	38.8	-	2	66.0	18	20.0	13	13.4	2.07	-	0.59	10	20	1	1
East-Central Counties																		
Bancroft	45 1	77 50	36.5	-1.5	23	68.0	17	10.0	6-12	17.3	1.26	-0.33	0.72	2	28	1	1	
Haliburton	45 1	78 28	1050	37.8	-3.6	25	70.0	18	6.0	5	22.5	1.60	-0.25	0.75	4	26	1	1
Kilmount	44 45	78 38	920	36.0	-5.9	15	69.0	18	1.0	4	19.4	2.35	+0.26	0.70	8	22	1	1
Lakeland	44 25	78 15	850	40.9	-1.2	28	70.0	19	15.0	13	19.7	1.75	-0.09	0.53	12	18	1	1
Lindsay	44 20	78 45	872	39.6	-1.1	31	69.0	18	13.8	5	15.9	1.56	-0.14	0.38	12	18	1	2
Madoc	44 30	77 29	575	38.5	-2.3	10	69.0	19	15.0	6-13	15.9	1.58	-0.27	0.54	12	18	1	1
Norwood	44 24	77 57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Peterboro	44 17	78 19	722	39.6	-2.2	44	67.0	18	16.0	3	19.0	1.65	+0.39	0.72	5	25	1	1
Ursa	44 54	78 18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
QUEBEC—																		
Middle St. Lawrence																		
Bark Lake Depot	46 50	75 20	32.6	—	1	66.0	20	-8.0	3	15.6	1.63	—	0.48	7	23	1	1	
Beauceville	46 11	70 48	557	31.7	—	1	67.2	20	2.7	4	20.4	2.58	—	0.71	6	24	1	1
Brome	45 10	72 36	678	35.1	-4.4	33	71.0	19	11.0	7	16.9	2.31	+1.01	0.44	8	22	1	1
Cap Rouge	46 46	71 18	30.0	—	3	54.0	28	6.0	13-14	16.6	1.87	—	0.79	10	20	1	1	
Cedar Rapids	45 21	74 5	132	36.6	—	2	73.0	20	15.0	13	15.0	1.51	—	0.53	11	19	1	1
D'Israeli	45 55	71 21	896	30.1	—	4	71.0	20	0.0	4	21.0	3.77	—	1.10	9	21	1	1
Drummondville	44 30	72 30	35.4	—	1	72.0	20	7.0	14	16.6	2.76	—	0.50	12	18	1	1	
Huberdeau	45 59	74 41	900	35.5	—	1	63.0	18	9.0	13	19.1	1.43	—	0.20	11	19	1	1
Huntingdon	45 5	74 10	39.2	—	1	76.0	20	15.0	13	18.3	2.55	—	0.82	8	22	1	1	
Joliette	46 2	73 25	34.6	—	1	62.0	20	10.0	13	15.6	1.59	—	0.10	8	22	1	1	
Lake Megantic	45 35	70 53	1314	30.2	—	1	68.0	19	1.0	12	13	3.94	—	1.89	10	20	1	1
MacDonald College (Ste. Anne de Bellevue)	45 27	73 50	37.1	—	10	74.2	19	14.2	12	17.1	1.74	—	0.47	8	22	1	1	
Montreal	45 30	73 35	38.0	-3.7	36	74.2	19	13.9	13	15.2	1.57	-0.75	0.49	13	17	1	1	
Nicolet	46 15	72 36	34.0	—	1	65.5	20	8.0	13	17.4	1.91	—	0.35	8	22	1	1	
Norving	46 27	75 0	34.4	—	1	59.9	18	6.0	13	20.1	1.17	—	0.33	9	21	1	1	
Quebec	46 48	71 13	296	32.8	-4.3	39	56.2	21	4.8	13	16.2	2.18	+0.15	0.3	13	17	1	2
St. Lin	45 45	73 47	34.4	—	1	60.0	20	10.0	3-13	14.6	0.43	—	0.20	6	24	1	1	
Shawbridge	46 34	72 43	28.9	-6.9	11	55.0	19	-1.0	13	21.4	2.95	—	0.34	11	19	1	1	
Shawboga Falls	46 34	72 43	28.9	-6.9	11	55.0	19	-1.0	13	21.4	2.95	—	0.34	11	19	1	1	
Sherbrooke	45 24	71 53	620	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lower St. Lawrence & Gulf																		
*Anticosti, E. Pt.	49 6	61 42	30	27.0	-0.5	23	58.0	28	6.0	2	—	0.36	-1.30	0.36	1	29	1	2
*Anticosti, S.W. Pt.	49 24	63 33	25.0	-5.4	3	58.0	24	1.5	2	12.7	1.62	+0.29	0.52	9	21	1	1	
*Anticosti, W. Pt.	49 52	64 32	30	27.2	-4.8	32	48.0	29	4.0	2	—	2.03	-2.73	1.40	5	25	1	1
*Bequet	48 25	68 53	30.6	-8.5	31	52.0	18	10.0	13	—	—	1.36	-1.14	1.00	4	26	1	1
*Cape Chatte	49 6	66 45	29.8	-4.6	31	48.0	27	15.0	13	—	—	0.30	—	0.30	1	29	1	1
*Cape Magdalen	49 16	65 20	28.0	-4.7	32	48.0	26	7.0	10	—	—	1.13	-1.67	0.30	9	21	1	1
*Carapiscu	48 21	67 12	450	28.2	—	1	59.2	26	-7.0	3	15.6	3.31	—	0.55	9	21	1	1
Father Point	48 31	68 19	20	30.3	-3.5	36	46.0	27	9.0	13	17.7	1.54	-0.42	0.42	7	23	1	1
Ste Anne de la Pointe	47 22	70 2	65	31.4	—	2	61.0	20	4.4	6	25.3	1.19	—	0.35	8	22	1	1
Tadoussac	48 10	69 47	29.3	—	1	52.0	26	-1.0	13	16.0	1.48	—	0.59	8	22	1	1	
Lake St. John																		
Chicoutimi	48 25	71 5	150	29.5	-5.5	35	55.8	18	-1.5	13	18.7	2.02	—	0.90	16	20	1	1
Chicoutimi (2)	48 25	71 5	24.5	—	4	48.0	26	1.0	13	7.5	—	—	—	—	—	—	—	—
Lake Edward	47 39	72 15	1333	31.5	—	5	68.0	20	1.6	13	21.2	1.39	—	0.46	8	22	1	1
La Tuque	47 27	72 48	520	25.9	—	2	54.0	25	-9.0	15	26.2	1.62	—	0.50	8	22	1	1
La Loutre Rapids	48 23	74 18	1288	27.1	—	3	54.8	19	-5.5	13	22.2	0.89	—	0.33	8	22	1	1
Mistassini	48 54	72 15	360	29.8	—	8	53.0	20	-2.0	12	21.6	—	—	—	—	—	—	—
Roberval	48 31	72 13	352	29.8	—	8	53.0	20	-2.0	12	21.6	—	—	—	—	—	—	—
The Northwestern Districts																		
Abitibi	48 33	79 22	27.8	-4.6	18	50.0	16-25	-8.0	13	21.2	0.97	-0.41	0.20	7	23	1	1	
Amos	48 36	78 7	27.8	—	1	57.8	21	-14.0	12	22.2	1.70	—	0.40	8	22	1	1	
Quinze Jars	47 34	79 16	37.4	—	1	68.0	18	8.0	4-13	25.4	2.23	—	0.60	8	22	1	1	
Temiskaming	46 44	79 7	26.5	—	1	63.0	17	4.0	13	21.0	3.86	—	1.17	9	21	1	1	
Ville Marie	47 55	79 25	31.7	—	1	62.9	17	2.0	5	20.0	0.68	—	0.15	6	24	1	12	
White Shore Lake	48 12	75 43	1394	29.0	—	3	71.0	29	-15.0	12	31.9	1.55	—	0.80	3	27	1	1
The North Shore																		
Clarke City	50 10	66 25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, APRIL, 1914.

\*Stations not furnished with Registering Thermometers.

STATION				Elevation above sea level, in feet	TEMPERATURE								PRECIPITATION			Days with 01 or more	No of fair days	No of auroras	No of thunderstorms	No of fogs															
	Latitude	Longitude	Mean		Difference from average.	Yr's Observations	Highest	Date	Lowest	Date	Mean daily range	Amount	Difference from average	Highest fall in month																					
NEW BRUNSWICK—																																			
Chatham	47	3	65	29	21	32.4	-5.0	39	64.0	19	-2.0	3	22.2	3.16	+0.41	0.62	16	14																	
Dalhousie	48	4	66	22	39	31.2	-1.8	34	55.0	28	8.0	3	17.8	1.50	-0.29	0.90	2	25																	
Edmundston						—	—	1	55.0	30	—	—	—	4.60	—	2.00	4	26																	
Fredericton	45	57	66	36	164	34.6	-3.8	41	70.0	19	-5.0	3	22.9	4.09	+1.75	0.92	10	20																	
Fredericton (Exp. Farm)					106	32.1	—	1	64.0	19	-4.0	5	21.3	4.55	—	2.02	6	24																	
Grand Falls	47	2	67	44		31.4	—	1	53.0	20	2.0	3	20.1	3.39	—	1.10	9	21																	
Moncton	46	9	64	45	50	33.5	-5.1	16	65.0	19	4.0	4	18.4	3.00	+0.47	1.35	8	22	1	1															
Point Lepreau	45	4	66	28	30	33.5	-3.7	36	47.0	27	17.0	3	—	3.76	+1.12	1.03	5	25																	
St. John	45	17	66	4	70	35.1	-4.4	41	59.8	27	16.0	3-4	13.2	5.32	+2.35	1.46	10	20		2															
St. Stephen	45	11	67	16	35	36.2	-5.7	17	74.0	19	5.0	3-4	22.0	3.46	-0.10	1.56	6	24	1																
Sussex	45	38	6	38	96	35.6	-4.9	17	69.0	28	2.0	5	22.3	4.97	+1.78	1.90	5	25																	
Williamsburg	46	20	66	43																															
Woodstock						35.2	—	1	60.0	28	18.0	3	16.3	3.50	—	1.09	6	24																	
NOVA SCOTIA—																																			
Advocate	45	19	64	46		—	—	2	50.0	9-19	—	—	—	1.75	—	1.00	6	24																	
Annapolis						36.4	—	1	67.0	30	12.0	13	20.4	—	—	—																			
Antigonish	45	38	61	59	50	32.7	—	4	67.0	20	2.0	4	17.1	—	—	—																			
Halifax	44	39	63	36	88	37.8	-2.3	39	70.0	28	17.1	14	19.9	3.23	-1.19	1.60	11	19		2															
Kentville	45	3	64	36	40	34.2	—	3	67.0	19	13.0	3	18.8	2.00	—	0.93	10	20	1																
Kentville (2)						36.8	—	1	72.0	19	16.0	3	16.1	2.33	—	0.93	12	18																	
Liverpool	44	0	64	40	56	39.4	—	1	74.0	21	13.0	3	24.8	2.52	—	1.52	7	23																	
Nappan	45	46	64	34		34.0	—	1	61.0	27	8.0	5	16.3	3.69	—	0.69	7	23																	
New Germany	44	30	64	42		39.3	—	3	68.0	28	17.0	3	17.7	3.82	—	1.63	5	25																	
Parrsboro'	45	23	64	19	40	30.1	-3.5	17	55.0	28	10.0	3	20.6	4.39	—	1.90	7	23																	
Port Hastings	45	39	61	22	45			22																											
Sable Island, E. Pt	43	58	59	46	25																														
Sable Island (Main Station)	43	57	60	6	25																														
Sutherland's River						31.7	—	1	70.0	20	4.5	4	19.1	—	—	—																			
Sydney	46	10	60	10	35	32.4	-4.4	40	62.0	28	3.5	4	16.2	4.82	+0.71	1.50	12	12																	
Truro	45	22	63	18	77	34.7	-3.1	38	67.4	19	7.6	4	19.1	2.31	-0.53	0.42	14	17																	
Truro (2)	45	25	63	15		34.1	—	1	63.0	28	8.0	4	17.5	2.05	—	0.83	9	21																	
Whitehead	45	15	61	8	20	30.4	-4.8	32	50.0	27	13.0	23	8.8	1.50	-2.42	0.60	3	27		6															
Windsor	44	59	64	6	90	37.7	-1.1	12	74.0	20	12.0	3	16.9	2.43	-1.58	0.82	11	19	1																
Wolville	45	7	64	20		37.1	-2.9	15	75.9	12	15.5	3	19.1	1.81	-0.98	0.81	6	24	1																
Yarmouth	43	50	66	2	65	37.7	-2.5	35	59.4	27	20.1	14	14.4	2.89	-0.93	0.81	11	19		2															
P. E. ISLAND—																																			
Charlottetown	46	14	63	10	38	32.1	-5.0	38	57.0	28	8.0	4	14.1	3.04	+6.39	0.80	12	18																	
Charlottetown (Exp. Farm)	46	14	63	7	75	32.7	—	4	59.0	26-28	8.0	3	16.1	3.78	—	0.89	12	18		1															
Hamilton	46	25	63	48																															
Summerside	46	18	63	51																															
NEWFOUNDLAND—																																			
Amour Point	51	28	56	51																															
Burin	47	0	55	10	27																														
Cape Norman	51	38	55	52																															
Fogo	49	43	54	17	30																														
Point Riche	50	42	57	25	35	24.4	-6.1	32	40.0	27	0.0	2	—	2.10	-0.30	0.80	5	25																	
Port aux Basques	47	35	59	10	27	28.1	—	6	47.5	28	11.5	16	10.6	4.84	—	0.80	20	10		2															
St. George's	48	28	58	25		31.1	—	21	46.8	12	12.4	1	14.6	2.54	—	0.40	14	16																	
St. John's	47	34	52	42	125	29.8	-5.6	41	50.0	10	8.0	2	11.8	3.62	-1.33	0.50	18	12		1															
BERMUDA—																																			
Prosser	32	17	84	46	151	64.3	-0.3	24	78.6	16	52.0	26	10.9	3.90	-1.00	1.18	12	18																	

## PRECIPITATION AT STATIONS REPORTING RAIN, SNOW, WEATHER, &amp;c., DURING APRIL, 1914.

STATIONS.	RAINFALL.					SNOWFALL.				REMARKS
	Amount in inches.	No of Days .01 or over.	No. of Fair Days.	Heaviest Fall in Month.	Date.	Amount in inches.	No. of Days.	Heaviest Fall in Month.	Date.	
BRITISH COLUMBIA—										
Alkali Lake.....	0.34	2	28	0.20	27	S	1	S	19	
Annis (Canoe Point).....	1.11	13	17	0.25	18					
Beaver Lake (Royal Oak).....	1.34	6	24	0.40	3					
Coquitlam.....	4.70	8	22	1.11	20					
Denman's Island.....	4.66	10	20	1.33	4					
Ferguson.....	3.53	12	17	1.17	19	1.5	1	1.5	3	
Goldstream Lake.....	2.63	15	15	0.38	18					
Hornby Island.....	4.15	10	20	0.88	2					
Hydraulic.....										
Invermere.....	1.04	10	20	0.52	16					
Jordan River.....	4.03	19	11	0.57	18					
Jordan River (Bear Creek).....	6.02	16	14	0.87	28					
Little Qualicum (Fr Cr. V. L.).....	5.71	14	16	0.96	13					
Lumby.....	0.75	11	19	0.15	24					
Nas Harbour.....	5.36	16	14	1.68	29					
Rock Creek.....	9.89	8	22	0.37	15					
Sooke Lake.....	2.04	8	22	0.59	14					
Stampa Falls (Alberni).....	6.67	14	16	1.35	13					
Wycliffe.....	0.39	3	27	0.36	19					
ALBERTA—										
Bardo.....	1.06	2	27	0.65	24	1.0	1	1.0	1	
Beaver Mines.....	0.82	3	25	0.47	19	7.0	2	4.0	21	
Bismark.....	0.20	1	29	0.20	24	*	1	*	20	
Bittern Lake.....	0.36	2	28	0.23	25	2.0	1	2.0	20	
Brooks.....	0.47	4	26	0.23	20	1.0	1	1.0	20	
Bruegerheim.....										
Caldwell.....	1.20	5	23	0.70	5	1.5	2	1.0	9	
Clareholme.....	0.68	2	28	0.55	5					
Clarinda.....	0.30	1	28	0.30	16	0.5	1	0.5	5	
Coleman.....	1.43	5	25	0.59	28					
Conjuring Creek.....	0.60	2	28	0.50	13	4.0	1	2.0	20	
Cree Bank Ranch (Cowley).....	0.98	9	17	0.27	5	5.5	6	2.0	20	
Dorelee (Bashaw).....	0.80	2	26	0.50	21	2.0	1	2.0	21	
Dunstable (Five Lakes).....	0.33	4	26	0.17	20	*	2	*	1-20	
Grassy Lake.....	0.00					0.0				
Jumping Pound.....										
La Pearl.....	0.61	2	18	0.55	25					
Lethbridge.....	0.56	4	26	0.26	5					
Lincham.....										
Lyndon.....	2.50	3	27	2.10	7	*	1	*	1	
Macleod.....	0.65	6	24	0.39	6					
Mayerhoff.....	1.62	6	22	0.45	19	*	3	*	9-20-28	
Mountain View.....	1.74	2	26	1.45	4	5.5	2	4.5	5	
Nanton.....	0.98	5	25	0.68	5					
Nateby.....	0.45	2	28	0.38	20					
Pekisko.....	3.25	5	24	2.10	5	8.5	1	8.5	20	
Ponoka.....	0.30	1	27	0.30	19	2.0	2	1.0	3-19	
Roycroft Ranch (Mannville).....	0.00					7.5	3	4.0	25	
Seven Persons.....	0.25	1	29	0.25	17					
Waterton Mills.....	1.10	4	21	0.47	5	9.0	5	4.0	6	
SASKATCHEWAN—										
Gull Lake.....	0.20	3	26	0.10	18	1.0	1	1.0	9	
Gull Lake (Fks Swift Cur.).....	0.11	3	25	0.10	20	1.2	2	0.8	25	
Wapashoe.....	0.23	3	27	0.10	17					
MANITOBA—										
Cartwright.....										
Deloraine.....	2.78	3	26	1.75	16	4.0	1	4.0	27	
Rapid City.....	2.09	6	24	1.65	17	*	4	*	5-29	
ONTARIO—										
Bow Park Farm (Brantford).....	2.54	10	16	1.28	25	2.1	4	1.2	4	
Deer Park.....	1.59	8	22	0.57	26					
Dutton.....	1.54	3	27	1.00	23	*	4	*	3-10	
Emsdale.....	3.36	9	21	1.30	29					
Fort Frances.....										
Grand Valley.....	1.92	9	20	0.67	2	0.5	1	0.5	5	
Grantham.....	2.50	10	16	0.63	26	5.3	4	2.0	8	
MacCue.....	2.49	7	23	0.77	2	*	3	*	2-6-8	
Niagara Falls.....	1.55	6	24	0.58	7	*	1	*	7	
Nipigon.....										
Point Clark.....										
Princeton.....										
Rock Chapel (Grimby).....	2.78	9	18	0.88	26	5.0	3	3.0	5	
Strathroy.....										
Sydenham.....	3.40	4	26	1.10	28					
Watford.....	2.05	4	26	0.93	24					
Wawatina Falls.....	0.78	5	20	0.40	25	4.5	5	1.8	28	
Westminster.....	3.26	4	24	1.35	25	3.5	2	2.0	6	
Westport.....	2.34	5	22	0.85	22	6.5	3	3.0	8	
Warton.....	1.52	3	25	0.68	30	3.0	2	2.0	5	

## PRECIPITATION AT STATIONS REPORTING RAIN, SNOW, WEATHER, &amp;c., DURING APRIL, 1914.

STATIONS	RAINFALL					SNOWFALL				REMARKS
	Amount in inches	No. of Days 0.1 or over.	No. of Fair Days.	Heaviest Fall in Month	Date	Amount in inches	No. of Days.	Heaviest Fall in Month	Date	
QUEBEC—										
Kipawa Dam.....	1 12	5	18	0 50	25	9 2	7	2 4	11	
Lucerne .....	2 23	8	20	0 75	26	3 5	2	2 5	7	
Perkins Mills.....	2 49	3	23	1 25	19	1 7	4	0 5	2-12	
Quinze Dam.....										
Timiskaming.....										
NEW BRUNSWICK—										
Point Escuminac.....	0 25	2	24	0 14	9	18 9	4	7 2	2	
NOVA SCOTIA—										
Milton.....	2 71	3	26	1 56	2	2 0	1	2 0	16	
South Alton.....	0 74	3	22	0 50	2	16 0	5	6 7	16	
White Rock.....	2 38	5	23	1 66	12	4 0	2	2 0	2-3	

PRESSURE, HUMIDITY, CLOUDINESS AND WIND AT STATIONS OF THE FIRST CLASS DURING THE  
MONTH OF APRIL, 1914.

a Barometer not reduced to sea level

STATION	Latitude N.	Longitude W.	Elevation above sea level, in feet.	PRESSURE.				Mean relative humidity	Mean amount of cloud.	No. of days completely clouded	DIRECTION OF WIND FROM									Total number of observations	Mean miles per hour	Maximum velocity.	Date and direction from.		
				Mean reduced.	Highest.	Lowest.	Range.				N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	C.						
BRITISH COLUMBIA—																									
Athol	59	35	133	38	2210	29.98	30.73	29.32	1.41	—	6	4	1	0	2	12	20	3	2	4	16	60	7.9		
Barkerville	53	2	121	35	4180	29.94	30.29	29.52	0.77	—	6	8	0	0	0	1	0	6	0	0	53	60			
Kamloops	50	42	120	29	1245	29.96	30.66	29.55	1.11	7.5	6	6	2	0	22	4	4	5	12	2	11	60			
α Nainaimo	49	10	123	37	125	29.93	30.31	29.54	0.77	5	5	3	2	4	1	18	5	7	2	9	12	60			
Prince Rupert	54	18	130	18	170	29.92	30.26	29.36	0.90	8.7	8	21	0	0	4	16	6	1	5	2	25	60			
Triangle Island	50	52	129	5	680	30.00	30.41	29.38	1.03	8	18	3	1	1	28	1	7	3	2	14	60				
Tranquille	50	41	120	29		28.69	29.42	28.31	1.11	66	5	1	2	0	11	2	1	2	6	0	36	60			
Vancouver	49	17	123	5	136	30.05	30.41	29.66	0.75	76	6	11	3	8	20	5	7	5	4	7	1	60			
Victoria	48	24	123	19	85	30.04	30.41	29.65	0.76	76	6	1	10	5	1	4	5	21	3	3	5	60	9.3	45	26 SW
YUKON—																									
Dawson	64	4	139	20	1200																				
ALBERTA—																									
Banff	51	10	115	34	4542	30.00	30.41	29.55	0.86	63	5	3	2	8	0	2	0	23	1	2	22	60			[9
Calgary	51	2	114	2	3389	29.97	30.43	29.44	0.99	69	5	3	6	4	5	10	2	0	6	20	4	60	5.7	26	19 NW
Edmonton	53	33	113	30	2158	30.00	30.60	29.40	1.20	54	6	1	1	4	0	13	6	11	6	16	3	60	8.6	27	21 NW
Medicine Hat	50	1	110	37	2161	29.97	30.51	29.42	1.09	66	5	0	2	3	4	1	6	14	7	10	13	60			
SASKATCHEWAN—																									
Battleford	52	41	108	20	1620	30.01	30.71	29.28	1.43	—	—	—	1	2	3	15	3	5	3	13	15	60			
Moose Jaw	50	21	105	35	1759	30.01	30.72	29.33	1.39	70	4	5	8	5	18	0	1	7	12	10	23	90			
Prince Albert	53	10	106	6	1432	30.04	30.66	29.27	1.39	89	5	6	10	5	11	9	3	1	2	4	15	60			
Qu'Appelle	50	30	103	47	2115	29.02	30.71	29.34	1.37	73	5	2	3	9	7	11	8	2	4	16	0	60	11.6	30	10 NW
Swift Current	50	20	107	45	2439	29.99	30.68	29.32	1.36	74	5	2	2	6	7	6	7	9	8	11	4	60	12.3		
MANITOBA—																									
Le Pas	53	49	101	15	860	30.08	30.92	29.50	1.42	94	5	8	11	3	3	16	4	0	16	6	1	60	8.9		
Minnedosa	50	15	99	50	1699	30.16	30.72	29.46	1.26	93	7	14	3	8	14	4	1	1	8	14	3	60			18 N
Winnipeg	49	53	97	7	760	30.69	30.65	29.46	1.19	76	7	9	13	13	10	13	9	3	6	20	3	90	13.3	40	20 SE
ONTARIO—																									
Cochrane	49	2	81	0	916	30.13	30.62	29.49	1.13	—	5	8	20	3	1	7	5	3	10	9	2	60	10.7	25	22 NW
Hanleybury	47	25	79	33	687	30.06	30.61	29.31	1.36	75	7	9	20	1	0	5	3	5	4	5	17	60			
Kingston	44	13	76	29	285	30.06	30.52	29.64	0.88	75	6	8	2	15	1	7	2	12	6	12	0	60	9.1		
α Lindsay	44	20	78	45	822	29.08	29.52	28.74	0.76	—	0	9	8	14	7	5	13	14	8	14	7	90			
London	42	59	81	13	808	30.01	30.54	29.6	0.94	75	6	12	2	9	2	41	0	7	4	25	0	90			
Ottawa	45	26	75	42	294	30.02	30.16	29.56	0.90	80	5	8	7	5	15	1	2	8	16	4	2	60			11 SW
Parry Sound	45	19	80	0	635	30.02	30.59	29.56	1.03	83	7	11	4	8	2	13	3	14	7	7	2	60	9.6	22	25 SE
Port Arthur	48	27	89	12	644	30.07	30.62	29.24	1.38	81	6	5	21	11	7	1	10	9	14	19	7	90	10.2	35	18 NE
Port Stan. y	42	40	81	13	592	30.04	30.50	29.60	0.90	80	8	18	1	8	11	2	1	4	11	10	12	60			
Southampton	44	30	81	21	656	30.03	30.58	29.57	1.02	85	7	14	9	9	3	7	11	8	7	3	60	11.4	23	29 NE	
Stonchiff	46	9	78	6	557	30.02	30.31	29.52	0.99	—	4	1	5	2	11	4	0	6	17	0	21	60	5.1	21	12 W
Toronto	43	40	79	24	359	30.04	30.56	29.60	0.96	72	6	13	11	3	16	1	4	8	10	6	1	60	13.0	37	12 W
White River	48	35	85	16	1252	30.04	30.45	29.29	1.16	—	6	6	9	10	6	5	8	6	5	11	60	6.7	22	10 SW	
Woodstock	43	8	80	47	980	30.03	30.51	29.03	1.48	—	—	—	11	8	5	17	4	17	2	26	0	90	10.9	32	19 SW
QUEBEC—																									
Anticosti, S.W. Pt.	49	24	63	35	30	29.91	30.39	29.43	0.96	97	4	3	16	13	2	11	7	3	3	32	3	90	14.3	49	13 NW
Father Point	48	31	68	19	20	29.99	30.46	29.50	0.96	82	6	9	8	4	10	2	0	10	13	8	5	60	14.3	44	3 SE
Montreal	45	30	73	35	187	30.02	30.40	29.51	0.89	58	5	6	4	20	3	6	8	9	23	16	1	90	15.5		12—
Quebec	46	48	71	13	299	30.01	30.46	29.40	1.06	70	7	10	1	31	8	0	2	25	13	9	1	90	10.6	46	20 NE
Sherbrooke	45	32	72	5	620																				
NEW BRUNSWICK—																									
Charlottetown	47	3	65	29	21	29.99	30.49	29.40	1.09	79	5	7	5	4	15	1	1	9	18	7	0	60			
Fredericton	45	57	66	36	164	30.01	30.48	29.42	1.06	71	6	7	9	11	4	2	4	21	13	23	3	90	9.4	31	13 NW
St. John	45	17	66	4	70	29.98	30.43	29.19	1.24	72	6	6	12	8	2	1	1	15	8	16	2	90	12.6	44	13 NW
NOVA SCOTIA—																									
Halifax	44	39	63	36	88	29.97	30.42	29.22	1.20	74	5	4	6	12	5	5	3	2	17	10	0	60	12.9	38	21 SW
Sable Island (MStation)	43	57	60	6	25					—	—	—	5	11	6	3	5	16	4	57	3	90	13.5	46	13 N
Sydney	46	10	60	10	37	29.94	30.48	29.12	1.36	77	7	10	5	11	6	3	5	6	21	15	2	90			
Truro	45	22	63	18	73	30.01	30.49	29.25	1.24	—	6	3	17	9	5	3	4	6	21	15	2	90			
Truro (2)	45	25	63	15		36.00	30.39	29.23	1.16	—	—	—	7	4	5	5	2	3	8	13	0	47			
Wolville	45	7	64	20		29.95	30.48	29.31	1.15	—	4	7	7	8	5	0	3	8	20	6	3	60	11.2	31	23 NW
Yarmouth	43	50	66	2	65	30.01	30.42	29.09	1.33	81	6	9	7	2	4	3	8	13	9	11	3	60	14.2	43	12 NW
P. E. ISLAND																									
Charlottetown	46	14	63	10	38	29.96	30.47	29.43	1.04	77	6	10	5	10	4	1	5	14	3	12	6	60	8.4	29	2 NE
NEWFOUNDLAND																									
Burin	47	0	55	10	27					—	—	—	6	4	11	0	2	4	13	14	6	60			
St. John's	49	43	54	17	30					—	7	15	13	3	8	0	0	6	3	26	1	60			
Port aux Basques	47	35	59	10	27	29.87	30.43	29.09	1.34	—	7	7	13	3	8	0	0	6	3	26	1	60			
St. George's	48	27	58	31	21	29.89	30.44	29.02	1.42	77	7	7	7	7	7	0	0	6	3	19	3	60			
St. John's	47	34	52	42	125	29.72	30.25	28.85	1.39	—	7	14	7	7	0	1	7	13	3	19	3	60			
BERMUDA																									
Prosser	32	17	64	46	151	30.13	30.38	29.55	0.53	80	7	5	27	5	8	3	22	17	4	4	0	90			

FREQUENCY OF THE WIND FROM THE EIGHT CARDINAL POINTS AT STATIONS OF  
THE SECOND CLASS, DURING THE MONTH OF APRIL, 1914

STATION	DIRECTION OF WIND FROM									Total number of Observations
	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	C.	
ALBERTA—										
Athabasca Landing.....	5	0	12	2	8	2	8	3	0	30
Beaver Lodge.....	0	4	12	1	0	0	31	12	0	60
Didsbury.....	1	2	5	3	5	1	0	13	0	30
Halkirk (Emsburg).....	2	5	3	18	4	5	6	17	0	60
Hilldown.....	0	6	1	14	4	6	0	18	11	60
Loveland.....	1	5	4	16	5	8	7	14	0	60
Macleod.....	4	4	3	14	0	9	23	3	0	60
Ranfurly (Waitefield).....	7	7	12	18	9	4	4	20	9	90
Sion.....	0	0	3	30	4	15	23	12	0	87
SASKATCHEWAN—										
Brownhill (Grenfell).....	0	13	1	9	3	19	0	15	0	60
Chaplin.....	6	0	5	6	10	3	23	5	2	60
Crescent Lake.....	2	6	1	4	4	6	2	5	0	30
Estevan.....	1	1	9	2	3	2	6	4	2	30
Fort Qu'Appelle.....	1	5	14	9	7	3	13	7	1	60
Indian Head.....	7	9	8	12	18	5	3	22	6	90
Kamsack.....	5	4	1	0	0	0	0	7	3	30
Larchmount (Pambrum).....	0	4	2	21	0	6	3	23	1	60
Muenster (St. Peter's Monastery).....	3	2	2	22	10	2	5	14	0	60
Onion Lake.....	5	2	6	4	3	4	3	3	0	30
Pense (Gatesgarth).....										
Waseca.....	2	3	0	7	2	3	5	8	0	30
Yarbo (Fairfield).....	3	5	7	1	2	1	8	2	1	30
MANITOBA—										
Berens River.....										
Brandon.....	5	11	3	19	1	5	4	10	15	73
Hillview.....	5	12	6	14	0	18	5	30	0	90
Moose Horn Bay (Aitkensville).....	17	5	4	3	11	4	1	6	9	60
Morden.....	22	5	4	8	7	5	2	5	2	60
Oak Bank.....	20	7	5	3	6	7	1	8	3	60
Stony Mountain.....	12	7	4	4	6	6	5	10	0	54
ONTARIO—										
Agincourt.....	2	4	18	8	5	19	7	24	0	87
Alton.....	23	1	24	3	5	4	21	9	0	90
Beatrice.....	6	0	2	10	12	10	2	16	32	90
Birnam.....	8	1	5	13	7	5	5	15	1	60
Brucefield.....	1	4	4	11	6	11	9	14	0	60
Cottam.....	21	0	15	3	9	5	7	0	0	60
Guelph.....	0	10	1	19	0	13	1	36	10	90
Gravenhurst.....	15	0	9	13	7	13	8	9	16	90
North Bruce.....	9	3	17	10	17	2	11	21	0	90
Orillia.....										
Port Dover.....	6	2	9	2	0	3	2	6	0	30
Stoney Creek.....	7	37	4	1	5	7	11	18	0	90
Wexford.....	1	2	9	1	0	7	3	7	0	30
QUEBEC—										
Abitibi.....	30	7	11	7	11	4	11	9	0	90
Anticosti, Heath Point.....	8	14	10	5	2	7	18	21	5	90
Anticosti, West Point.....	13	16	4	1	18	1	13	24	0	90
Bicquet.....	14	28	5	0	4	20	11	4	4	90
Brome.....	13	1	18	1	20	15	25	5	2	90
Cape Chatte.....	6	8	13	0	0	3	23	14	23	90
Cape Magdalen.....	14	0	5	3	16	3	3	37	9	90
Cap Rouge.....	8	9	0	0	0	1	0	12	0	30
Cedars.....	1	8	1	1	1	12	3	3	0	30
Chicoutimi.....	0	10	4	19	0	17	19	2	19	90
Clarke City.....										
NEW BRUNSWICK—										
Dalhousie.....	0	0	8	0	0	0	17	4	0	29
Moncton.....	1	3	2	2	3	0	2	16	0	29
Pt. Lepreaux.....	10	12	11	2	2	14	9	18	0	78
Sussex.....	6	4	0	2	0	2	0	4	12	30
NOVA SCOTIA—										
Kentville.....	3	3	3	2	0	1	11	7	0	30
Liverpool.....	4	1	7	0	2	1	10	5	0	30
Sable Island, E. Pt.....										
Whitehead.....	8	1	3	0	1	14	0	3	0	30

MEAN PROPORTION OF BRIGHT SUNSHINE REGISTERED IN EACH HOUR OF THE DAY IN THE MONTH OF  
APRIL 1914.

STATION.	HOURS ENDING																	
	4 a.m.	5 a.m.	6 a.m.	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	Noon.	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.	7 p.m.	8 p.m.	9 p.m.
<b>British Columbia</b>																		
Shawnigan Lake.....			.05	.31	.48	.62	.55	.55	.54	.53	.47	.49	.39	.34	.29	.01		
Victoria.....			.02	.18	.39	.49	.50	.50	.57	.61	.59	.60	.56	.52	.33	.63		
Salmon Arm.....			.06	.27	.36	.46	.53	.56	.65	.55	.51	.46	.42	.36	.24	.06		
Nasaimo.....			.01	.10	.21	.42	.52	.51	.57	.51	.56	.46	.48	.40	.37	.15	.03	
Sidney.....		.01	.11	.43	.44	.60	.59	.53	.57	.56	.52	.45	.50	.45	.13			
Vancouver.....			.01	.11	.26	.34	.42	.49	.54	.57	.57	.50	.50	.46	.37	.04		
Agassiz.....			T	.09	.25	.39	.44	.47	.56	.57	.53	.53	.57	.32	.08			
Tranquille.....			.11	.53	.54	.58	.67	.69	.68	.64	.64	.64	.53	.47	.44	.27		
Summerland.....			.13	.48	.64	.64	.67	.62	.74	.70	.65	.70	.69	.62	.37	.05		
Kamloops.....			.09	.38	.42	.45	.51	.59	.63	.64	.53	.51	.49	.39	.29	.66		
Harper's Ranch.....																		
Invermere.....			.06	.29	.34	.46	.55	.56	.55	.57	.50	.54	.62	.42	.14	.01		
<b>Alberta</b>																		
Edmonton.....			.19	.29	.49	.57	.63	.65	.67	.70	.61	.56	.53	.43	.35	.19		
Lethbridge.....			.03	.29	.47	.59	.57	.61	.63	.68	.60	.49	.50	.43	.42	.13		
Lacombe.....				.11	.41	.51	.55	.57	.64	.63	.61	.62	.55	.40	.15	T		
Medicine Hat.....			.15	.35	.55	.57	.66	.66	.66	.68	.65	.64	.59	.51	.37	.24	.03	
Fort Dunvegan.....			.08	.20	.32	.44	.48	.53	.53	.59	.52	.56	.56	.48	.28	.13	.03	
Fort Vermilion.....			.13	.46	.63	.65	.63	.90	.93	.90	.82	.71	.76	.57	.27	.65		
<b>Saskatchewan</b>																		
Battleford.....			.06	.39	.62	.68	.72	.79	.82	.81	.77	.66	.59	.51	.24			
Indian Head.....				.03	.18	.50	.49	.53	.68	.68	.66	.61	.55	.27	.09	.01		
Moosejaw.....			.03	.34	.56	.63	.66	.64	.63	.60	.56	.61	.62	.55	.24	.01		
Scott.....		.09	.25	.27	.37	.53	.60	.62	.65	.66	.65	.57	.49	.22	.67			
Rosthern.....			.11	.38	.62	.68	.70	.66	.67	.66	.62	.66	.58	.37	.16	.09		
<b>Manitoba</b>																		
Brandon.....				.08	.44	.51	.55	.54	.50	.51	.56	.51	.40	.12				
Winnipeg.....				.02	.18	.32	.36	.41	.49	.52	.51	.54	.45	.34	.18			
Le Pas.....			.09	.37	.55	.61	.70	.66	.61	.65	.65	.63	.65	.50	.45	.23		
<b>Ontario</b>																		
Haileybury.....			.10	.31	.37	.44	.46	.42	.47	.51	.53	.49	.46	.44	.34	.16		
Woodstock.....			.02	.09	.28	.44	.41	.42	.44	.46	.41	.37	.39	.35	.16			
Lindsay.....				.09	.29	.41	.44	.42	.44	.46	.44	.43	.39	.33	.15			
Barrie.....				.26	.45	.44	.39	.46	.50	.55	.49	.45	.35	.29	.11			
Toronto.....			.01	.13	.31	.37	.44	.46	.46	.45	.42	.35	.35	.36	.26	.10		
Kingston.....			.62	.09	.27	.30	.37	.41	.39	.41	.44	.43	.41	.27	.05	.02		
Ottawa.....			.06	.54	.43	.48	.49	.52	.48	.47	.51	.56	.59	.55	.43	.12		
<b>Quebec</b>																		
Montreal.....			.06	.31	.47	.48	.53	.53	.51	.46	.46	.51	.49	.46	.31			
Cap Rouge.....			.02	.21	.35	.46	.51	.49	.54	.48	.39	.40	.37	.31	.25	.05		
Quebec.....				.17	.42	.50	.52	.47	.51	.51	.43	.46	.38	.35	.25	.02		
Ste Anne de la Pocatiere.....		.01	.31	.41	.51	.53	.57	.53	.60	.55	.50	.44	.45	.39	.07	.01		
Sherbrooke.....																		
<b>New Brunswick</b>																		
Fredericton.....			.01	.35	.46	.58	.66	.66	.62	.66	.64	.56	.52	.47	.34	.16		
<b>Prince Edward Island</b>																		
Charlottetown.....			.02	.16	.33	.47	.53	.53	.53	.48	.46	.45	.46	.37	.15	.01		
<b>Nova Scotia</b>																		
Nappan.....			T	.11	.42	.51	.60	.49	.56	.53	.56	.60	.56	.45	.22	.10		
Wolfville.....				.29	.41	.54	.61	.57	.56	.56	.51	.51	.37	.27	.09	.02		
Kentville.....			.06	.30	.46	.57	.61	.58	.57	.61	.61	.54	.54	.48	.37	.14		

## SUMMARY OF SUNSHINE RECORDS

APRIL, 1914	Shawngun Lake	Victoria	Salmon Arm.	Sidney	Nanaimo.	Vancouver.	Agassiz.	Tranquille.	Summerland.	Kamloops.	Harper's Ranch.	Invermere.	Edmonton.	Lethbridge.	Lacombe.	Medicine Hat.	Fort Dunvegan	Fort Vermilion	Battleford.	Indian Head.	Moose Jaw.	Scott.	Rosbarn.	Brandon.	Winnipeg.	Le Pas	Haileybury.	Woodstock.	Lindsay.	Barrie.	Toronto.	Kingston.	Ottawa.	Montreal.	Cap Rouge.	Quebec.	Ste. Anne de la Pointe.	Sherbrooke.	Fredericton.	Charlottetown.	Nappan	Wolfville	Kentville	
Registered duration in hours.....	170	178	161	177	159	156	144	222	233	181	...	165	207	195	174	218	172	255	230	189	201	185	210	142	130	220	165	128	129	142	134	116	151	168	145	150	175	...	201	151	171	156	196	
Percentage of possible duration....	41	43	40	43	39	37	35	54	57	44	...	40	49	47	42	53	40	50	55	39	49	44	51	34	32	52	40	32	32	35	33	29	45	45	36	37	43	...	49	37	42	39	48	
Difference from average .....	-	-2	-	-	-9	-	+5	-	-	-	...	-	-	-	-	-	-	-	+6	-2	-	-	-12	-15	-	-	-10	-15	-10	-14	-17	-2	-5	-6	-	-	...	+3	-	-	-	-		
Maximum percentage in one day ....	89	88	88	89	91	90	82	93	89	90	...	77	90	90	80	96	86	83	87	70	87	93	95	75	80	94	96	85	83	85	93	91	94	96	92	84	91	...	95	82	86	78	91	
Date of maximum .....	21	29	10	22	21	21	21	21	21	16	...	10	21	11	21	29	30	14	21	21	10	22	21	7	8	21	3	13	13	3	23	23	23	13	13	24	22	...	25	26	24	15	24	
Number of days completely clouded .....	0	0	5	0	6	3	2	0	1	4	...	2	0	1	3	2	3	0	2	4	4	1	3	5	7	6	7	6	6	10	6	7	12	6	6	9	8	4	...	5	10	5	5	5

*Thunder recorded:*

1. Souris, Almasippi, Rapid City.
- 2.
- 3.
- 4.
- 5.
6. Keremeos.
- 7.
- 8.
- 9.
- 10.
- 11.
12. Montreal.
13. Fruitlands, Westley, Perry Siding, Nelson.
14. Crawford Bay.
15. Chinook Cove, Westley.
- 16.
17. Kakabeka Falls, Chapleau.
18. Timmins, Bancroft, Drummondville, St. Lin., Chicoutimi, Abitibi, Wiarton, Grand Forks, Cochrane, Gravenhurst, Springdale.
19. Lost River, Saskatoon, Muenster, Bloomfield, Oakbank, Brantford, Madoc, D'Israeli, Mistasini, Huberdeau, Lake Megantic, Shawinigan Falls, Cedars, Moncton, St. Stephen, Windsor, N.S., Kentville, Westport, Emsdale, Fruitlands, Perry Siding, Nelson, Nakusp, Crawford Bay, Montreal, Wolfeville, Kingston, Gateway.
20. Humbolt, Almasippi, Shoal Lake, Rapid City, Westport, Fredericton, Minnedosa, Winnipeg, Port Arthur, Charlottetown.
21. Winnipeg.
22. Fort Qu'Appelle, Deloraine, Sion.
23. Larchmount, Manor, Yellow Grass, Qu'Appelle.
24. Scott, Chaplin, Invermere, Pense.
25. Birnam, Elora, Brucefield, Dutton, Port Barwell, Stoney Creek, Agincourt, Georgetown, Hamilton, Wexford, Westminster, Deer Park, Bow Park Farm, Wiarton, Woodstock, Parry Sound, Port Stanley, London, Toronto, Elora.
26. Haliburton, Grimsby.
- 27.
28. Beatrice, Huntsville, Brucefield, Lucknow, Wexford, Wiarton, Gravenhurst.
29. Gravenhurst, Sion.
- 30.

*Auroras recorded:*

1. Mistassini III.
2. Fort Vermilion.
3. Fort Vermilion.
4. Mistassini IV.
5. Mistassini IV. Fort Vermilion.
6. St. Alban's III, Sioux Lookout, Mistassini II, Le Pas I.
7. Winnipeg II, Melfort IV, Fort Vermilion.
8. Larchmount II, Anglia IV.
9. Fort Vermilion.
- 10.
11. Aitkensville IV, St. Alban's IV.
12. Sion III, Campsie IV, Ranfurly III, Fort Vermilion.
13. Sioux Lookout, Fort Vermilion.
14. Sioux Lookout, Peace River Crossing.
15. Aitkensville IV, Dryden, Sioux Lookout, Cape Magdalen, Mistassini IV, Sion III, Beaver Lodge IV, Campsie IV, Ranfurly IV, Fort Vermilion.
16. Kakabeka Falls III, Schreiber III, Mistassini IV, Ranfurly IV.
17. Anglia IV, Fort Vermilion.
18. Crescent Lake III, Manor, Aitkensville II, Morden II, Treherne II, St. Alban's II, Mistassini IV, Deloraine, Edmonton III, Gravenhurst III, Halkirk, Campsie I, Ranfurly IV.
19. Anglia II, Schreiber III.
20. Anglia IV, Haileybury IV, Fort Vermilion.
21. Yellow Grass, Waseca, Campsie IV, Fort Vermilion.
22. Fort Vermilion.
23. Fort Vermilion.
24. Cape Magdalen, Campsie IV, Fort Vermilion.
25. Ranfurly IV.
- 26.
- 27.
- 28.
29. Haileybury IV.
- 30.

## FORECASTS FOR APRIL, 1914

The forecasts issued by this office at 11 p.m. each night, are posted up at every telegraph station in Canada, and are for the 24 hours beginning at 8 a.m. the following day.

The number of these predictions issued during the month was 1229. These were divided as follows :

DISTRICT.	No. Issued.	VERIFIED.			
		No. Fully.	No. Partly.	No. Not.	Per- centage.
Alberta.....	80	67	8	5	84.7
Saskatchewan.....	82	63	12	7	84.1
Manitoba.....	81	64	7	10	83.3
Lake Superior.....	105	77	20	8	82.9
Lower Lake Region.....	114	83	21	10	82.0
Georgian Bay.....	113	75	23	15	76.5
Ottawa Valley.....	98	64	27	7	79.1
Upper St. Lawrence.....	98	70	22	6	82.6
Lower St. Lawrence.....	113	81	18	14	79.6
Gulf.....	114	86	25	3	86.4
Maritime Provinces West.....	116	84	25	7	83.2
Maritime Provinces East.....	115	81	15	9	81.3
Total.....	1229	895	233	101	82.3

In order to obtain the percentage of verification of the predictions, the number partly verified is divided by two and added to the number fully verified, and the result divided by the total number issued.

In ascertaining to what extent the predictions have been verified, the reports from the agents at all observing stations, as well as the telegraphic reports, are used.

R. F. STUPART, Director.

Meteorological Office, Toronto,  
May 23rd, 1914.







